

SECOND READING SUMMARY SHEET

ZONING CASE NUMBER: C814-2012-0163 – Sun Chase PUD

REQUEST:

Approve second reading of an ordinance amending City Code Chapter 25-2 by zoning property locally known as 15201, 15810, and 16070 Pearce Lane, and 7910 Wolf Lane (Dry Creek East Watershed) from interim – single family residence-standard lot (I-SF-2) district zoning and interim – single family residence-small lot (I-SF-4A) district zoning to planned unit development (PUD) district zoning. The Restrictive Covenant covers the recommendations of the Traffic Impact Analysis.

DISTRICT AREA: 2

DEPARTMENT COMMENTS:

Neighborhood Housing and Community Development staff has proposed an affordable housing program with long term affordability provisions as shown in Exhibit R (following this Summary Sheet). The Applicant would like to continue with the affordable housing provisions that were approved with the creation of the Municipal Utility Districts (MUDs) in March 2012 (also attached).

Austin Water Utility has provided a revised fiscal note based on the MUD Consent Agreements executed in 2012. Please see attachment following this Summary Sheet.

The ordinance and restrictive covenant is consistent with Council action taken at First Reading.

OWNER & APPLICANT: Qualico CR, L.P. (Vera Massaro)

AGENT: Armbrust & Brown, L.L.P. (Richard Suttle)

DATE OF FIRST READING: February 11, 2016, Approved PUD district zoning with additional direction to the Applicant and Neighborhood Housing and Community Development Department to work on affordable housing provisions, on First Reading (8-0, Mayor Adler, Council Member Casar – off the dais, Council Member Troxclair – abstained).

CITY COUNCIL HEARING DATE: April 14, 2016

CITY COUNCIL ACTION:

ORDINANCE NUMBER:

ASSIGNED STAFF: Wendy Rhoades
e-mail: wendy.rhoades@austintexas.gov

PART XX. Sun Chase PUD Affordable Housing Program.

- A. In order to meet the City's affordable housing goals and to ensure long-term affordability, the Landowner and the Landowner's successors and assigns (collectively referred to as the "Landowner") agree to the following:
1. The affordable housing requirement in the Sun Chase MUD Consent Agreement is replaced by Sun Chase PUD ordinance Part XX.
 2. Ten percent of the total number of multifamily rental housing units located within the Sun Chase PUD will be set aside for occupancy by households with incomes at 60 percent of or below the median family income (each an "Affordable Rental Unit," collective "Affordable Rental Units") in the Austin metropolitan statistical area for a rental affordability period of forty years (collectively, the "Rental Affordability Requirement") from the date of a certificate of occupancy. In addition the Landowner agrees to comply with the following:
 - a) The Rental Affordability Requirement period for each multifamily development with Affordable Rental Units (the "Affordable Development") begins on the date a final certificate of occupancy is issued for the Affordable Development.
 - b) Affordable Rental Units must be integrated throughout the PUD and included in at least 50 percent of the multifamily developments.
 - c) Each lot sold or developed for use as an Affordable Development shall be subject to a restrictive covenant using the form shown in Exhibit XX (subject to revision) or agreed upon by the Director of Neighborhood Housing and Community Development (NHCD) and Landowner at the time of the sale or development and recorded in the official public records of the county where the Affordable Development is located.
- B. At least 10 percent of the total number of units sold as owner-occupied residential housing units located within the Sun Chase PUD will, through a mechanism agreed upon by the City and Landowner, be made permanently available at a price affordable to households with incomes at 80 percent of or below the median family income (each an "Affordable Ownership Unit," collective "Affordable Ownership Units") in the Austin metropolitan statistical area (collectively, the "Ownership Affordability Requirement").
1. The Affordable Ownership Units constructed on any lot shall have substantially similar architectural design and restrictions as other residential units offered for sale to the general public.
 2. The Affordable Ownership Units must be integrated throughout the PUD.

3. Affordable Ownership units must:

- a) Be sold to an income eligible household at 80 percent of or below median family income;
 - b) Include resale restrictions that require that resale of the affordable unit must be to a household at 80 percent of or below median family income; and
 - c) Contain restrictions that will cap the equity that can be achieved upon resale of the affordable unit. Equity will be capped at 2 percent annually based on the affordable sales price; and
 - d) Contain a Right of First Refusal to the Austin Housing Finance Corporation (AHFC) or other entity designated by the City. If AHFC does not exercise the right of first refusal, then the Affordable Ownership units must be sold to income eligible purchaser at the affordable sales price.
- C. The Landowner is required to make a financial contribution to AHFC, or other entity designated by the City, in an amount calculated as two percent of the total "hard" construction cost MUD reimbursements (up to \$XX million). These funds will be used to further the affordability outcomes required by the City. The contribution shall be paid to the Austin Housing Finance Corporation for the purpose of furthering the City's affordable housing goals.
- D. The Landowner agrees to enter into an agreement with the City of Austin that ensures compliance with Part XX of this PUD ordinance.
- E. Income limits for the Affordable Housing Requirements shall be established annually as determined by the United States Department of Housing and Urban Development.
- F. The Landowner shall file a written report with the Director on the number and location of each Affordable Ownership Unit and Affordable Rental Unit meeting the Affordable Housing Requirements within the Sun Chase PUD (the "Affordability Report"). The initial Affordability Report shall be filed within 15 calendar days following the March 31 or September 30 next following the date of recordation of a plat within the Sun Chase PUD and be continuously filed on a semi-annual basis until the project is fully built out and sold.
- G. Compliance with the Affordable Housing Requirements will be monitored by the City's Neighborhood Housing and Community Development Department through an annual audit of the sale and rental of Affordable Ownership Units and Affordable Rental Units within the Sun Chase PUD. Income qualifications, rents and sales price of the ownership units must comply with NHCD compliance guidelines.

EXHIBIT K

Affordable Housing Participation

In order to meet the City's affordable housing goals, the Developer agrees as follows:

1. Ten percent of the rental units within the Project will be set aside for households with an income level of 60% or less of the median family income in the Austin metropolitan statistical area for a period of 40 years from the Effective Date of this Agreement.
2. Ten percent of the owner-occupied units within the Project will be priced, at the time of their initial offering for sale, at a price that is affordable to a household with an income level of 80% of the median family income in the Austin metropolitan statistical area.
3. The Developer will make a financial contribution to the City's affordable housing program equal to two percent of the total "hard" construction cost reimbursements actually received by the Developer out of the proceeds of bonds issued by the District and the Other Southeast Travis County Districts, up to a maximum total contribution of \$1.8 Million. This contribution will be calculated as follows:

Total District Bond Issue Amount: \$ _____

Less:

Non-Construction Costs, including:

Legal and Financial Advisory Fees: \$ _____

Interest Costs, including
Capitalized and
Developer Interest \$ _____

Bond Discount \$ _____

Administrative and Organizational
(including creation costs and operating
advances) \$ _____

Bond Application Engineering Report,
Market Study \$ _____

Bond Issuance Expenses, including
TCEQ Bond Issuance Fee, Attorney
General Review Fee, Rating Agency Fees,
Bond Insurance \$ _____

Application, Review and Inspection Fees \$ _____

Site Costs \$ _____

Offsite Costs \$ _____

Engineering and Geotechnical: \$ _____

Total Non-construction Costs: \$ _____

NET ELIGIBLE MUD BOND ISSUE AMOUNT \$ _____ *

AFFORDABLE HOUSING CONTRIBUTION
PERCENTAGE:

X 2%

AFFORDABLE HOUSING CONTRIBUTION: \$ _____

4. Each contribution will be calculated based upon costs approved for reimbursement under applicable Commission rules and a report on reimbursable costs prepared by a certified professional accountant on behalf of the District at the time of each Bond issue. Each contribution, along with a copy of the report on reimbursable costs, will be delivered to the City Controller until the maximum contribution of \$1.8 Million has been paid. A copy of each report on reimbursable costs will be submitted to the Finance Director concurrently with the delivery of the contribution and report to the Controller.

Agenda Item #48: C814-2012-0163 – Sun Chase Planned Unit Development – District 2 – Conduct a public hearing and approve an ordinance amending City Code Chapter 25-2 by zoning property locally known as 15201, 15810, 16070 Pearce Lane and 7910 Wolf Lane (Dry Creek East Watershed) from interim-single family residence (I-SF-2) and interim-single family residence-small lot (I-SF-4A) district zoning to planned unit development (PUD) district zoning. Staff Recommendation: To grant planned unit development (PUD) district zoning. Planning Commission Recommendation: To grant planned unit development (PUD) district zoning. Owner/Applicant: Qualico CR, L.P. (Vera Massaro). Agent: Armbrust & Brown, L.L.P. (Richard Suttle). City Staff: Wendy Rhoades, 512-974-7719.

a. QUESTIONS FROM COUNCIL MEMBER ZIMMERMAN'S OFFICE:

1. Who will implement the 10% of owner occupied units at 80% Median Family Income at the initial offering for sale?

RESPONSE: The developer is responsible for ensuring units are sold to income eligible buyers.

2. What will the process be for selecting who will be able to purchase these units?

RESPONSE: The Developer will follow the NHCD income certification process. Buyers must be 80% or below median family income to purchase the units.

3. Will this be just the initial owner or ongoing? If ongoing, who will administer it?

RESPONSE: Currently, the MUD consent agreement says that this is for initial offering. However, NHCD is recommending that the developer explore mechanisms for long term affordability in the development. The developer's proposal will need to address how the affordability requirement will be met and administered.

4. Which entity will be receiving the "financial contribution to the City's affordable housing program equal to 2% of the total "hard" construction cost reimbursements actually received by the Developer out of the proceeds of bonds issued by the District, up to maximum of \$1.8 million"?

RESPONSE: The City of Austin

5. Will this money be used just in this development or throughout the city?

RESPONSE: There are currently no restrictions on where the funds must be spent.

b. QUESTION FROM MAYOR PRO TEM TOVO'S OFFICE

1. Does Sun Chase PUD include a SMART housing component? If so, please describe.

RESPONSE: Sun Chase PUD is not being recommended for S.M.A.R.T. Housing certification. The development does not meet the criteria and would not be recommended at this time to Council for certification and fee waivers.

ZONING CHANGE REVIEW SHEET

CASE: C814-2012-0163 – Sun Chase
Planned Unit Development

P.C. DATE: June 11, 2013
December 10, 2013
June 24, 2014
December 9, 2014
June 9, 2015
December 8, 2015
January 12, 2016

ADDRESS: 15201, 15810, and 16070 Pearce Lane and 7910 Wolf Lane

DISTRICT AREA: 2

OWNER: Qualico CR, L.P.
(Vera Massaro)

AGENT: Armbrust & Brown, L.L.P.
(Richard Suttle)

ZONING FROM: I-SF-2; I-SF-4A **TO:** PUD **AREA:** 1,604 acres

SUMMARY STAFF RECOMMENDATION:

The Staff recommendation is to grant planned unit development (PUD) district zoning with the condition that environmental superiority is met as outlined in Attachment A, and as shown in the Land Use Plan as provided in Exhibit C, and supporting Exhibits D through P.

The Restrictive Covenant includes all recommendations listed in the Traffic Impact Analysis memorandum, dated January 8, 2016, as provided in Attachment B.

ENVIRONMENTAL COMMISSION MOTION:

November 18, 2015: *APPROVED A POSTPONEMENT REQUEST BY STAFF TO DECEMBER 16, 2015 WITH FURTHER DISCUSSION TO OCCUR AT A DEVELOPMENT COMMITTEE MEETING.*

December 16, 2015: *APPROVED STAFF RECOMMENDATION FOR THE ENVIRONMENTAL ASPECTS OF THE PUD, INCLUDING CODE MODIFICATIONS AND ENVIRONMENTAL SUPERIORITY.*

[H. SMITH; M. NEELEY – 2ND] (10-0) E. GOOCH – ABSENT

PLANNING COMMISSION RECOMMENDATION:

June 11, 2013: *APPROVED AN INDEFINITE POSTPONEMENT REQUEST BY STAFF AND THE APPLICANT*

[J. NORTEY; J. STEVENS – 2ND] (8-0) D. ANDERSON – ABSENT

December 10, 2013: *APPROVED AN INDEFINITE POSTPONEMENT REQUEST BY STAFF.*

[J. NORTEY, S. OLIVER – 2ND (5-0) R. HATFIELD, A. HERNANDEZ, B. ROARK AND J. STEVENS WERE ABSENT.

June 24, 2014: *APPROVED AN INDEFINITE POSTPONEMENT REQUEST BY STAFF.*

[R. HATFIELD; B. ROARK – 2ND] (5-0) J. NORTEY, S. OLIVER, J. STEVENS – ABSENT; 1 VACANCY ON THE COMMISSION

December 9, 2014: *APPROVED AN INDEFINITE POSTPONEMENT REQUEST BY STAFF*

[R. HATFIELD; J. STEVENS – 2ND] (5-0) A. HERNANDEZ, J. NORTEY, B. ROARK- ABSENT; S. OLIVER – NOT YET ARRIVED

June 9, 2015: *APPROVED AN INDEFINITE POSTPONEMENT REQUEST BY STAFF*

[J. NORTEY; R. HATFIELD – 2ND] (5-0) A. HERNANDEZ; S. OLIVER; J. STEVENS; N. ZARAGOSA – ABSENT

December 8, 2015: *APPROVED A POSTPONEMENT REQUEST BY THE STAFF TO JANUARY 12, 2016*

[J. VELA; P. SEEGER – 2ND] (11-0) J. SHIEH – ARRIVED LATE; J. THOMPSON – ABSENT

January 12, 2016: *APPROVED PUD DISTRICT ZONING WITH CONDITIONS OF THE TRAFFIC IMPACT ANALYSIS, AS RECOMMENDED BY STAFF AND THE ENVIRONMENTAL COMMISSION*

[N. ZARAGOSA; J. SHIEH – 2ND] (11-0) S. OLIVER; J. STEVENS – ABSENT

NOTES TO COUNCIL: 1) THE \$1.8 MILLION SHOULD BE SPENT ON THE AFFORDABILITY COMPONENT OF THIS PUD AND 2) THE AFFORDABLE HOUSING SHOULD BE INTERSPERSED THROUGHOUT THE PUD.

ISSUES:

None at this time.

EXHIBITS AND ATTACHMENTS TO THE STAFF REPORT:

Exhibits A, A-1, A-2 and A-3: Vicinity Map, Zoning Map, Aerials / Project Area Map, and MUD Land Use Plan

Exhibits B and B-1: Basis for Superiority Table and Code Modification Table

Exhibit C: Sun Chase PUD Land Use Plan

Exhibit D: Parks & Open Space Master Plan

Exhibit E: Parks & Open Space – ¼ Mile Radius Map

Exhibit F: Permitted Land Uses

Exhibit G: Site Development Regulations

Exhibit H: Subchapter E Roadway Classification Exhibit
Exhibit I: Environmental Exhibit
Exhibit J: Stormwater, Drainage and Water Quality and Environmental Protection Requirements
Exhibit K: Offsite Untreated Runoff Exhibit
Exhibit L: Critical Water Quality Zone Detention Pond A
Exhibit M: Slope Map
Exhibit N: Proposed CEF Mitigation (from the approved Preliminary Plan)
Exhibit O: Transportation Requirements
Exhibit P: Connectivity Exhibit
Exhibit Q: Possible Locations for Public Art
Exhibit R: Proposed Affordable Housing Program

Attachment A: Environmental Commission support material
Attachment B: Traffic Impact Analysis Memo
Attachment C: Educational Impact Statement
Attachment D: Floodplain Delineations

Correspondence Received

DEPARTMENT COMMENTS:

The proposed Sun Chase Planned Unit Development (PUD) consists of undeveloped land zoned interim – rural residence (I-RR) and interim – single family residence-small lot (I-SF-4A) districts and covers both sides of Pearce Lane on property that is east of Dry Creek and west of Wolf Lane, the latter of which touches the Bastrop County line. The land surrounding the PUD is within unincorporated Travis County, undeveloped, and has a rural character. For context, State Highway 130 is to the west, East State Highway 71 is to the north, Dry Creek is to the northwest and the Moore's Crossing Municipal Utility District is to the southeast. Please refer to Exhibits A (Vicinity Map), A-1 (Zoning Map), A-2 (Aerial View) and A-3 (MUD Land Use Plan).

The proposed zoning area encompasses all four Southeast Travis County (renamed Sun Chase) Municipal Utility District (MUD) areas that were established in 2012. In accordance with the MUDs, the Applicant is requesting PUD district zoning for a 1,604 acre mixed use development that is primarily residential in nature and may be developed with approximately 617 acres of single family residential uses, 50 acres of single family residential-small lot uses, 117 acres of mixed residential uses, 64 acres of multi-family residential uses, 65.5 acres of mixed commercial uses, 75 acres of civic uses, 13 acres of community recreation-private uses, and 602 acres of community recreation-public / greenbelt parkland / water quality / drainage uses. Approximately 613 acres of public and private parks, and open space, two Del Valle Independent School District sites and one fire station/EMS site will also be provided. A donation of a net-buildable 2 acre tract at no cost to the City of Austin for a Fire / EMS station site is proposed to be located on the north side of Pearce Lane, at a central location.

As shown in Exhibit C (Land Use Plan), the area has been divided into eight general land use areas described below. Pearce Lane and Wolf Lane, and three entrances to the Sun Chase north of Pearce Lane (Sun Chase Parkway, Rumworth Drive and Misu Drive) are classified as Urban Roadways, and an east-west street north of Pearce Lane (Flower Cup Loop) is classified as a Core Transit Road.

- The *Single Family* areas (mix of detached, attached single family residences, as well as duplexes, and two family residences) are proposed with SF-3 base district zoning and the *Single Family-Small Lot* areas are proposed with the SF-4A base district. Both areas are interspersed throughout the PUD.
- The *Mixed Residential* area includes detached single family residential lots that can accommodate an accessory dwelling unit over the garage (a yard house); attached 2-3 story townhouses on a lot (a row / shop house); four-to-six plexes (a mansion house) and residential multi-family. The *Multi-Family Residential* area is designed for larger multi-family residential structures. The *Mixed Residential* areas are proposed with MF-1 base district zoning and the *Multi-Family Residential* area is proposed for the MF-3 base district. Both areas are located along or in close proximity to Pearce Lane and Wolf Lane.
- There are four *Mixed Commercial* areas oriented toward Pearce Lane and Wolf Lane and are proposed under GR base district zoning. All are located along or in close proximity to Pearce Lane and Wolf Lane.
- The *Civic*, *Community Recreation-Private* and *Community Recreation-Public* areas include private Homeowners Association parks, public parks and greenbelt, public open space, as well as the two school sites, a fire station, an area reserved as a transit center, and a wastewater treatment plant. These areas are interspersed throughout the PUD.

Per the Land Development Code, PUD district zoning was established to implement goals of preserving the natural environment, encouraging high quality development and innovative design, and ensuring adequate public facilities and services. The City Council intends PUD district zoning to produce development that achieves these goals to a greater degree than and thus is superior to development which could occur under conventional zoning and subdivision regulations.

City Council approved revisions to the PUD regulations that became effective June 29, 2008. To help evaluate the superiority of a proposed PUD, requirements are divided into two categories: Tier 1, which is requirements that all PUDs must meet, and Tier 2 which provides criteria in 13 topical areas in which a PUD may exceed code requirements and therefore demonstrate superiority. A PUD need not address all criteria listed under Tier 2, and there is no minimum number of categories or individual items required.

As more fully detailed in the Tier Table and Land Use Plan (please refer to Exhibits B and C), this proposed PUD meets all 12 of the applicable Tier 1 items, meets all three additional

Tier 1 items (pertaining to *Commercial Design Standards*), and offers some elements of superiority in seven of the 13 Tier 2 categories (*Open Space; Environment/Drainage; Art; Community Amenities, Transportation, Building Design and Affordable Housing*).

Code Modifications

There are 30 modifications to Code requirements requested by the Applicant and recommended by Staff (please refer to Exhibit B-1 – Code Modification Table for details). Because the PUD is within the City's limited purpose jurisdiction, the code sections for the subdivision and environmental modifications reference the City's Land Development Code and Title 30, Austin/Travis County Subdivision Regulations. As summarized below, these include allowing a site to cross a right-of-way; Green Building requirements; roadway types; land uses; site development regulations and compatibility standards; expiration of a preliminary plan; street alignment; street design characteristics; net site area; waterway classifications; critical water quality zone modifications; water quality transition zone modifications; water quality controls and related funding; and, cut and fill requirements.

- Section 25-2-243 (*Proposed District Boundaries*) – Is amended to provide that the boundaries of the Sun Chase PUD may be non-contiguous
- Chapter 25-2, Subchapter B, Article 2, Division 5, Subpart B, Section 2.3.1.D (*Minimum Requirements*) – Modified to allow a two star rating under Austin Energy's Green Building Program or a reasonably equivalent rating under another program approved by the City.
- Chapter 25-2, Subchapter E – Establishes roadway types within the PUD for applying Subchapter E regulations.
- Section 25-2-491 (*Permitted, Conditional, and Prohibited Uses*) – Establishes a specific set of permitted land uses for the PUD.
- Section 25-2-492 (*Site Development Regulations*) – Establishes a specific set of site development regulations for the PUD.
- Section 25-2-517 (*Requirements for Amphitheaters*) – Modified so that Land Use Commission approval is not required for amphitheaters in the PUD.
- Section 30-2-62 (*Expiration of Approved Preliminary Plan*) – Modified to allow an approved preliminary to expire 15 years after their approval date (instead of 10 years as allowed by Title 30).
- Sections 25-4-151 and 30-2-151 (*Street Alignment and Connectivity*) – Continues the variance to not connect Sun Chase with Navarro Creek Road to the north. This variance was approved with the Sun Chase Phase 1 Preliminary Plan.
- Sections 25-4-154 and 30-3 (*Street Design and Construction*) – Establishes roadway cross sections and striping for the PUD.

- Sections 25-8-62 and 30-5-62 (*Net Site Area*) – Modified to apply within Sun Chase PUD.
- Sections 25-8-341 and 30-5-341 (*Cut Requirements*) and Sections 25-8-342 and 30-5-342 (*Fill Requirements*) – Modified to continue the cut and fill variances granted with the approved Preliminary Plans for Sun Chase South, Sun Chase Phase One and Sun Chase Phase Two.

Note: All of the following code modifications are based on the project returning to the Comprehensive Watershed Ordinance (CWO) standards:

- Sections 25-8-91(B) and 30-5-91(B) (*Waterway Classifications*) – Establishes the drainage area size for a minor waterway, an intermediate waterway and a major waterway.
- Sections 25-8-92(B) and 30-5-92(B) (*Critical Water Quality Zones Established*) – Establishes the boundaries of the critical water quality zones within the PUD and how minor, intermediate and major waterways may be reduced and replaced. Also establishes the boundaries of CWQZs for selected unclassified waterways and that a CWQZ does not apply to a previously modified drainage feature serving a public roadway right-of-way under certain circumstances.
- Sections 25-8-93(A) and 30-5-93(A) (*Water Quality Transition Zones*) – Establishes that water quality transition zones apply within the Sun Chase PUD.
- Sections 25-8-211(B)(3) and 30-5-211(B)(3) (*Water Quality Control Requirement*) – Modified provided the total of new and redeveloped impervious cover exceeds 20% of net site area.
- Sections 25-8-232(A)(B)(C) and 30-5-232(A)(B)(C) (*Dedicated Fund*) – Establishes that the Dedicated Fund for water quality controls does not apply to the Sun Chase PUD.
- Sections 25-8-261 and 30-5-261 (*Critical Water Quality Zone Development*) – Modified to allow a detention pond and a wet pond in the CWQZ as shown in Exhibit L.
- Sections 25-8-392 and 30-5-392 (*Uplands Zone*) – This section is modified to establish that Comprehensive Watershed Ordinance (CWO) regulations for the ETJ apply.
- Sections 25-8-393 and 30-5-393 (*Transfer of Development Intensity*) – This section is modified to establish regulations for the transfer of development intensity within the PUD.

- Sections 25-8, Article 9 and 30-5, Article 9 – (*Suburban Watershed Requirements*) – Modified to establish the amount of impervious cover in the water quality transition zone (WQTZ), to exclude the land in the 100-year floodplain, and to allow water quality controls in the WQTZ.

Staff recommendation and conditions:

Given the number and breadth of items offered in the PUD that exceed current code standards, Staff believes the proposal can result in superior development along a major thoroughfare in southeastern Travis County. Therefore, Staff recommends PUD zoning based on the following factors in Affordable Housing, Art, Commercial Design Standards, Environment and Landscaping, Green Building, Parkland and Open Space, Public Facilities, and Transportation and Connectivity, which make this project superior:

Affordable Housing

- Provide 10% of owner occupied units at 80% Median Family Income at the initial offering for sale
- Provide 10% of rental units at 60% Median Family Income, for a period of 40 years
- Make a financial contribution to the City's affordable housing program equal to 2% of the total "hard" construction cost reimbursements actually received by the Developer out of the proceeds of bonds issued by the District, up to maximum of \$1.8 million

Art

- Participate in the Art in Public Places Program. The Public Art Master Plan identifies opportunities, guiding principles and locations within the PUD for outdoor art installations to be implemented and managed by the Developer. All subsequent operations and maintenance of the artwork will be the responsibility of the Developer.

Commercial Design Standards

- Compliance with Subchapter E – Core Transit Corridor standards for sidewalks and building placement for 50% of the commercial, multi-family and village cluster development on Flower Cup Loop between Sun Chase Parkway and Misu Drive, as shown in Exhibit H
- Compliance with Subchapter E – Urban Roadway standards for sidewalks and building placement for 50% of the commercial, multi-family and village cluster development at three of the development's entrances, as shown on Exhibit H.
- Establish a maximum block size of five acres for commercial, multi-family and village cluster development

Environmental and Landscaping

Note: The baseline for the environmental aspects of the PUD review is the Comprehensive Watershed Ordinance (CWO) regulations for the extra-territorial jurisdiction.

- Provide 144 acres of open space in addition to the protected environmental features such as creek buffers and floodplains. This is a 48% increase from the 98 acres of open space required.
- Developing a tree preservation plan, selecting all required trees from Appendix F (*Descriptive Categories of Tree Species*) of the City Environmental Criteria Manual, providing a tree care plan for construction-related impacts, and using reclaimed water for irrigation in open space areas under certain circumstances (but not in the CWQZ or flood plain).
- Providing superior water quality controls by using wet ponds and biofiltration ponds to treat 100% of the required water quality treatment volume.
- Provide water quality treatment for a 92 acre offsite area (single family lots and streets) that is currently untreated.
- Provide a minimum 50-foot wide setback for 75% of unclassified waterways with a drainage area of 32 to 320 acres.
- Provide volumetric flood detention for the entire PUD.
- Use natural channel design techniques.
- Restore areas within the 100-year floodplain that are in “poor” or “fair” condition. All 100-year floodplain areas within the PUD, except for the areas in the southern portion for which a final plat application is currently under review, shall be evaluated and restored if applicable.
- Direct stormwater runoff from impervious surfaces in commercial and multi-family tracts through landscape areas at least equal to the total required landscape area.
- Provide educational signage at wetland CEFs.
- Provide an Integrated Pest Management (IPM) Plan for the entire property.

Green Building

- The PUD is located within the Bluebonnet Electric Cooperative service territory, and thus is entirely outside the Austin Energy service territory. However, all buildings within the PUD will be constructed to achieve two star rating or greater under the City’s Austin Energy Green Building Program or such buildings will be constructed in a manner sufficient to achieve a reasonably equivalent rating under another program approved by the City.

Parkland and Open Space

- Providing 600 acres of public park and open space; this figure includes 144 acres in addition to environmental features
- Parks of all types will be located within ¼ mile of all residences, superior to existing policy of locating parks within ½ mile of all residences in the suburban core, as shown in Exhibit E.
- Provide approximately 8 miles of public trails open to the public to provide recreation and bike and pedestrian connectivity between parkland and throughout the development.
- Provide approximately 2 miles of public trails will be provided for the extension of the City of Austin Bicycle Plan – Urban Trails Master Plan Dry Creek South Greenway

Public Facilities

- Dedication of land for two school sites (each at least 18 buildable acres), including bringing water, wastewater and streets to the site at no cost to the Del Valle ISD
- Dedication of a 2-net buildable acre site for a future City of Austin Fire / EMS station
- Reservation of a 10 acre site for a transit center for sale to the City / Capital Metro Transit Authority

Transportation and Connectivity

- Dedicate right-of-way for arterial street alignments (Pearce Lane, Wolf Lane, Sun Chase Parkway) in accordance with the CAMPO 2030 Transportation Plan
- Provide bike lanes on all roads that are designated as residential collector or higher
- Provide 8 miles of public trails open to the public to provide recreation and bike and pedestrian connectivity between parkland and throughout the development
- Provide approximately 2 miles of public trails will be provided for the extension of the City of Austin Bicycle Plan – Urban Trails Master Plan Dry Creek South Greenway
- Compliance with the Complete Streets policy on: 1) typical street cross-sections; 2) Standards for internal blocks and street connections; 3) Sidewalks, Trails and Streetscape Standards; and 4) Bicycle improvements and amenities

EXISTING ZONING AND LAND USES:

	ZONING	LAND USES
<i>Site</i>	I-RR; I-SF-4A	Rural farmland and agricultural grazing land
<i>North</i>	County	Commercial; Residences on large lots and tracts; Agricultural
<i>South</i>	County	Residences on large lots and tracts; Agricultural
<i>East</i>	County	Residences on large lots and tracts; Agricultural
<i>West</i>	County	Residences on large lots and tracts; Agricultural

MUNICIPAL UTILITY DISTRICT: Southeast Travis County MUD Nos. 1 through 4

TIA: Is required – Please refer to Attachment B

WATERSHED: Dry Creek East – Suburban **DESIRED DEVELOPMENT ZONE:** Yes

CAPITOL VIEW CORRIDOR: No

SCENIC ROADWAY: No

NEIGHBORHOOD ORGANIZATIONS:

627 – Onion Creek Homeowners Association

774 – Del Valle Independent School District 1005 – Elroy Neighborhood Association

1224 – Austin Monorail Project

1228 – Sierra Club, Austin Regional Group

1258 – Del Valle Community Coalition

SCHOOLS:

The property is within the Del Valle Independent School District.

Del Valle Elementary School Del Valle Middle School Del Valle High School

Note: An Educational Impact Statement (EIS) is required. Please refer to Attachment C.

CASE HISTORIES:

There are no recent cases in the vicinity.

RELATED CASES:

As background, it is City policy that developers of MUDs pursue PUD zoning so that when the project is eventually annexed into the City limits, the development generally tracks with the City's development standards. The City annexed the area covered by the MUDs for limited purposes in June 2012 and assigned interim-single family residence-standard lot (I-SF-2) and interim – single family residence-small lot (I-SF-4A) district zoning at this time (C7L-2012-006; C7L-2012-007; C7L-2012-008; C7L-2012-009). Full purpose annexation will occur in accordance with the terms of the Strategic Partnership Agreement between the City and Southeast Travis County MUD No. 1 through 4, that was approved by Council on March 22, 2012. The Agreement states that full purpose annexation shall occur no sooner than December 31, 2023.

A Development Assessment for Sun Chase PUD was submitted on April 20, 2012 and in accordance with the revised regulations for PUDs, a briefing was presented to Council on June 28, 2012 (CD-2012-0005). On December 21, 2012, the Applicant filed a formal application for PUD zoning.

In 2009-2010, three preliminary plans that covered the entire 1,604 acres were reviewed and approved by the Single Office, also known as joint City / County review (C8J-2008-0176 – Sun Chase South; C8J-2008-0212 – Sun Chase Phase I; C8J-2008-0239 – Sun Chase Phase 2 Preliminary Plan).

CITY COUNCIL DATE: February 11, 2016

ACTION: Approved PUD district zoning with conditions for the Traffic Impact Analysis as Planning Commission recommended, on First Reading. Vote: 8-0, Mayor Adler, Council Member Casar – off the dais, Council Member Troxclair – abstained.
Note: Applicant and Neighborhood Housing and Community Development Department to work on affordable housing provisions prior to Second and Third Readings.

ORDINANCE READINGS: 1st February 11, 2016 2nd

3rd

ORDINANCE NUMBER:

CASE MANAGER: Wendy Rhoades
e-mail: wendy.rhoades@austintexas.gov

PHONE: 512-974-7719

SUMMARY STAFF RECOMMENDATION:

The Staff recommendation is to grant planned unit development (PUD) district zoning with the condition that environmental superiority is met as outlined in Attachment A, and as shown in the Land Use Plan as provided in Exhibit C, and supporting Exhibits D through P.

The Restrictive Covenant includes all recommendations listed in the Traffic Impact Analysis memorandum, dated January 8, 2016, as provided in Attachment B.

BASIS FOR LAND USE RECOMMENDATION (ZONING PRINCIPLES)

1. The proposed zoning should be consistent with the purpose statement of the district sought.

The Planned Unit Development (PUD) zoning district is intended for large or complex developments under unified control, planned as a single contiguous project. The PUD is intended to allow single or multi-use projects within its boundaries and provides greater design flexibility for development proposed within the PUD. Use of the PUD district should result in development superior to that which would occur using conventional zoning and subdivision regulations. PUD zoning is appropriate if the development enhances preservation of the natural environment; encourages high quality development and innovative design; and ensures adequate public facilities and services for development within the PUD.

2. Zoning changes should result in a balance of land uses, provides an orderly and compatible relationship among land uses, and incorporates environmental protection measures.

Given the number and breadth of items offered in the PUD that exceed current code standards, Staff believes the proposal can result in superior development along a major thoroughfare in southeastern Travis County. Therefore, Staff recommends PUD zoning based on the following factors in Affordable Housing, Art, Commercial Design Standards, Environment and Landscaping, Green Building, Parkland and Open Space, Public Facilities, and Transportation and Connectivity, which make this project superior:

Affordable Housing

- Provide 10% of owner occupied units at 80% Median Family Income at the initial offering for sale
- Provide 10% of rental units at 60% Median Family Income, for a period of 40 years
- Make a financial contribution to the City's affordable housing program equal to 2% of the total "hard" construction cost reimbursements actually received by the Developer out of the proceeds of bonds issued by the District, up to maximum of \$1.8 million

Art

- Participate in the Art in Public Places Program. The Public Art Master Plan identifies opportunities, guiding principles and locations within the PUD for outdoor art installations to be implemented and managed by the Developer. All subsequent

operations and maintenance of the artwork will be the responsibility of the Developer.

Commercial Design Standards

- Compliance with Subchapter E – Core Transit Corridor standards for sidewalks and building placement for 50% of the commercial, multi-family and village cluster development on Flower Cup Loop between Sun Chase Parkway and Misu Drive, as shown in Exhibit H
- Compliance with Subchapter E – Urban Roadway standards for sidewalks and building placement for 50% of the commercial, multi-family and village cluster development at three of the development’s entrances, as shown on Exhibit H.
- Establish a maximum block size of five acres for commercial, multi-family and village cluster development

Environmental and Landscaping

Note: The baseline for the environmental aspects of the PUD review is the Comprehensive Watershed Ordinance (CWO) regulations for the extra-territorial jurisdiction.

- Provide 144 acres of open space in addition to the protected environmental features such as creek buffers and floodplains. This is a 48% increase from the 98 acres of open space required.
- Developing a tree preservation plan, selecting all required trees from Appendix F (*Descriptive Categories of Tree Species*) of the City Environmental Criteria Manual, providing a tree care plan for construction-related impacts, and using reclaimed water for irrigation in open space areas under certain circumstances (but not in the CWQZ or flood plain).
- Providing superior water quality controls by using wet ponds and biofiltration ponds to treat 100% of the required water quality treatment volume.
- Provide water quality treatment for a 92 acre offsite area (single family lots and streets) that is currently untreated.
- Provide a minimum 50-foot wide setback for 75% of unclassified waterways with a drainage area of 32 to 320 acres.
- Provide volumetric flood detention for the entire PUD.
- Use natural channel design techniques.
- Restore areas within the 100-year floodplain that are in “poor” or “fair” condition. All 100-year floodplain areas within the PUD, except for the areas in the southern portion for which a final plat application is currently under review, shall be evaluated and restored if applicable.
- Direct stormwater runoff from impervious surfaces in commercial and multi-family tracts through landscape areas at least equal to the total required landscape area.
- Provide educational signage at wetland CEFs.
- Provide an Integrated Pest Management (IPM) Plan for the entire property.

Green Building

- The PUD is located within the Bluebonnet Electric Cooperative service territory, and thus is entirely outside the Austin Energy service territory. However, all buildings

within the PUD will be constructed to achieve two star rating or greater under the City's Austin Energy Green Building Program or such buildings will be constructed in a manner sufficient to achieve a reasonably equivalent rating under another program approved by the City.

Parkland and Open Space

- Providing 600 acres of public park and open space; this figure includes 144 acres in addition to environmental features
- Parks of all types will be located within ¼ mile of all residences, superior to existing policy of locating parks within ½ mile of all residences in the suburban core, as shown in Exhibit E.
- Provide approximately 8 miles of public trails open to the public to provide recreation and bike and pedestrian connectivity between parkland and throughout the development.
- Provide approximately 2 miles of public trails will be provided for the extension of the City of Austin Bicycle Plan – Urban Trails Master Plan Dry Creek South Greenway

Public Facilities

- Dedication of land for two school sites (each at least 18 buildable acres), including bringing water, wastewater and streets to the site at no cost to the Del Valle ISD
- Dedication of a 2-net buildable acre site for a future City of Austin Fire / EMS station
- Reservation of a 10 acre site for a transit center for sale to the City / Capital Metro Transit Authority

Transportation and Connectivity

- Dedicate right-of-way for arterial street alignments (Pearce Lane, Wolf Lane, Sun Chase Parkway) in accordance with the CAMPO 2030 Transportation Plan
- Provide bike lanes on all roads that are designated as residential collector or higher
- Provide 8 miles of public trails open to the public to provide recreation and bike and pedestrian connectivity between parkland and throughout the development
- Provide approximately 2 miles of public trails will be provided for the extension of the City of Austin Bicycle Plan – Urban Trails Master Plan Dry Creek South Greenway
- Compliance with the Complete Streets policy on: 1) typical street cross-sections; 2) Standards for internal blocks and street connections; 3) Sidewalks, Trails and Streetscape Standards; and 4) Bicycle improvements and amenities

EXISTING CONDITIONS

Site Characteristics

The PUD site is currently used as rural farmland and agricultural grazing land. The site is within the Blackland Prairies vegetational area of Texas. Vegetation is characterized as crops and post oak woods/forest dominated by cedar elm, American elm, Ashe juniper, mesquite, hackberry, honey locust, common sunflower, giant ragweed, Texas croton,

greenbriar, Indian sea oats and johnsongrass. The topography is gently rolling, with elevations ranging from 425 to 550 feet above mean sea level. Slopes range between 0 and 15 percent on approximately 99 percent of the property. There are approximately 15 acres of slopes between 15 and 25 percent, 2 acres of slopes between 25 and 35 percent, and 0.2 acres of slopes greater than 35 percent. Drainage on the subject site occurs primarily by overland sheet flow in a south-to-north direction into Dry Creek. Part of the site is within the 100-year floodplain. The property has predominately clayey soils.

Critical Environmental Features/Endangered Species Habitat

An Environmental Assessment (EA) was prepared for project site by Horizon Environmental Services, Inc. in February 2008, revised October 2, 2013. The EA identified one critical environmental feature (CEF) within the PUD site which is a large lake in the northern portion of the property. There is also one water well on the subject site.

Impervious Cover

The proposed percentages of impervious cover are as follows: up to 55% for the single family residence portion (includes attached / detached / single family residences, duplex residence, two family residence under an SF-3 base district), 60% for small lot single family residence (SF-4A base district), 70% for yard house, row/shop house, mansion house and residential multi-family (MF-1 base district), multi-family residence (MF-3 base district) and 85% for mixed commercial and civic uses (GR base district) and 75% for community recreation-private (GR base district) and 50% for community recreation-public (GR base district).

Comprehensive Planning

The proposed Sun Chase PUD is a 1,604 acre site and is planned to be a walkable, mixed use residential community. The proposed project calls for over half the acreage of this project to be developed as residential, while the remaining property will be used for mixed commercial, civic, community recreational, and as a greenbelt/drainage land uses. This rezoning is not located within the boundaries of a neighborhood planning area. This property is bounded by undeveloped land and the single family residences to the north, single family residences and undeveloped land to the south, undeveloped land to the east, and undeveloped land and the Del Valle Motocross Park to the west.

The Imagine Austin Comprehensive Plan (IACP) Growth Concept Map designates a portion of Pearce Lane as 'Future Open Space', which the IACP defines as, "*The open space network includes existing and future open space. Elements of the open space network include parks, greenways, nature preserves, agricultural land, and environmentally sensitive land. Areas within floodplains, on steep slopes, or with significant environmental features, such as sinkholes, caves, or significant wildlife habitat, are classified as environmentally sensitive.*" The overall goal of the IACP is to achieve 'complete communities' across Austin, where housing, services, retail, jobs, entertainment, health care, schools, parks, and other daily needs are within a convenient walk or bicycle ride of one another. Page 107 of the IACP states, "*While most new development will be absorbed by*

*centers and corridors, development will happen in other areas within the city limits to serve neighborhood needs and create complete communities. Infill development can occur as redevelopment of obsolete office, retail, or residential sites or as new development on vacant land within largely developed areas. New commercial, office, larger apartments, and institutional uses such as schools and churches, may also be located in areas outside of centers and corridors. The design of new development **should be sensitive to and complement its context.** It should also be connected by sidewalks, bicycle lanes, and transit to the surrounding area and the rest of the city. It should also be connected by sidewalks, bicycle lanes, and transit to the surrounding area and the rest of the city. Not all land within the city limits will be developed. Some may remain or enter into agricultural production; continue as single-family houses, duplexes, and apartments; or become part of the planned open space network. **The Growth Concept Map not only guides where Austin may accommodate new residents and jobs but also reflects the community intent to direct growth away from environmentally sensitive areas including, but not limited to, the recharge and contributing zones of the Barton Springs segment of the Edwards Aquifer, and to protect the character of neighborhoods by directing growth to areas identified by small area plans.**"*

The following Imagine Austin policies are taken from Chapter 4 of the IACP, which specifically discusses mixed use development, developing over environmentally sensitive lands, and promoting a compact and connected city:

- **LUT P1.** Align land use and transportation planning and decision-making to achieve a compact and connected city in line with the growth concept map.
- **LUT P5.** Create healthy and family-friendly communities through development that includes a mix of land uses and housing types and affords realistic opportunities for transit, bicycle, and pedestrian travel and provides both community gathering spaces, parks and safe outdoor play areas for children.
- **LUT P10.** Direct housing and employment growth to activity centers and corridors, and preserving and integrating existing affordable housing where possible.
- **LUT P22** Protect Austin's natural resources and environmental systems by limiting land use and transportation development in sensitive environmental areas and preserving areas of open space.
- **N P1.** Create complete neighborhoods across Austin that have a mix of housing types and land uses, affordable housing and transportation options, and access to schools, retail, employment, community services, and parks and recreation options.

Based on the Imagine Austin policies referenced above, staff believes that this proposed Sun Chase PUD mixed use project is supported by the Imagine Austin Comprehensive Plan.

Environmental

Please refer to Attachment A.

Transportation

Please refer to Attachment B.

Water and Wastewater

In accordance with the consent agreement, the City will be the sole provider of water and wastewater services within the Municipal Utility District and will provide water / wastewater services to customers within the District in the same manner and conditions that the City provides these services to other retail customers within its corporate limits.

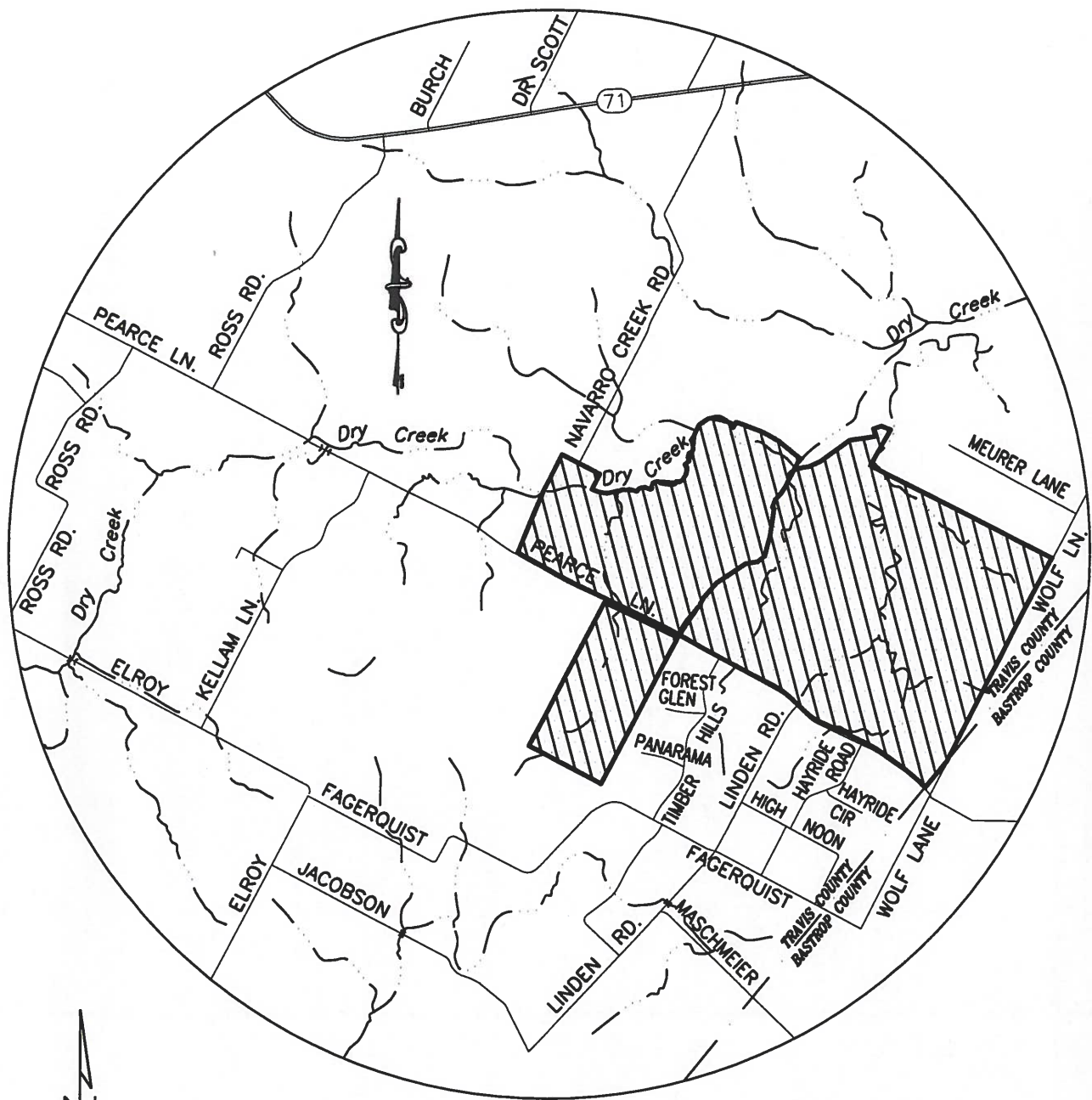
The proposed development intends to obtain retail water and wastewater service from the Austin Water Utility under a consent agreement. The proposed development will be responsible for providing any water and wastewater utility improvements, offsite main extensions, utility relocations and or abandonments required by the land use. Each lot in the PUD shall have separate wastewater taps, separate water meters, and their respective private water and wastewater service lines shall be positioned or located in a manner that will not cross lot lines. The water and wastewater plan must be in accordance with the City of Austin utility design criteria. The water and wastewater utility plan must be reviewed and approved by the Austin Water Utility. All water and wastewater construction must be inspected by the City of Austin. The landowner must pay the City inspection fee with the utility construction.

Subdivision

Applications for subdivision preliminary plan(s) and final subdivision plat(s) will be need to be approved prior to approval of any site plan or issuance of any development permit.

Site Plan

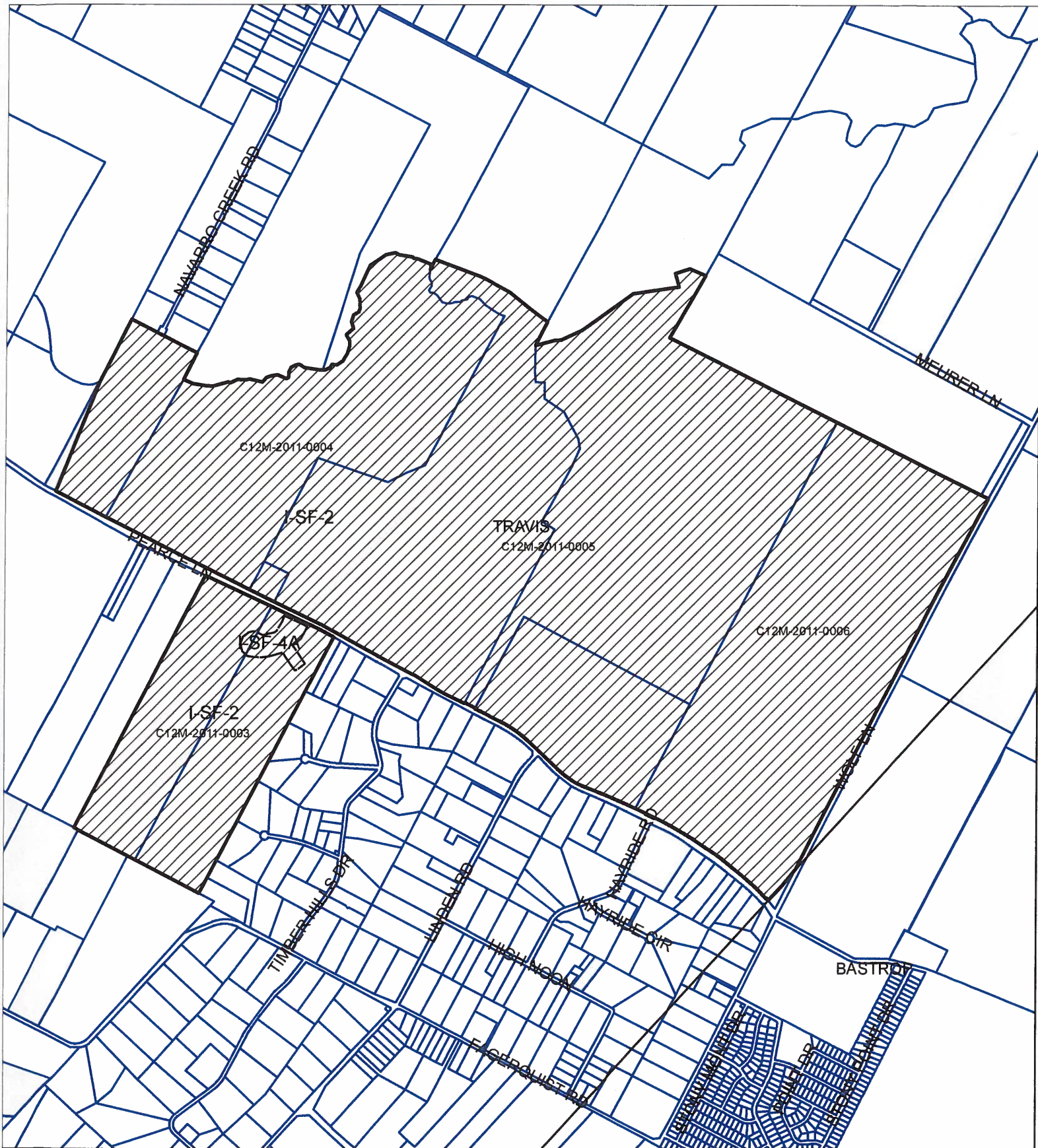
Site plans will be required for any new development other than single-family or duplex residential.



SCALE: 1" = 4000'

SUN CHASE PUD LOCATION MAP

EXHIBIT A



PLANNED UNIT DEVELOPMENT
ZONING CASE#: C814-2012-0163

Exhibit A-1



This product is for informational purposes and may not have been prepared for or be suitable for legal, engineering, or surveying purposes. It does not represent an on-the-ground survey and represents only the approximate relative location of property boundaries.

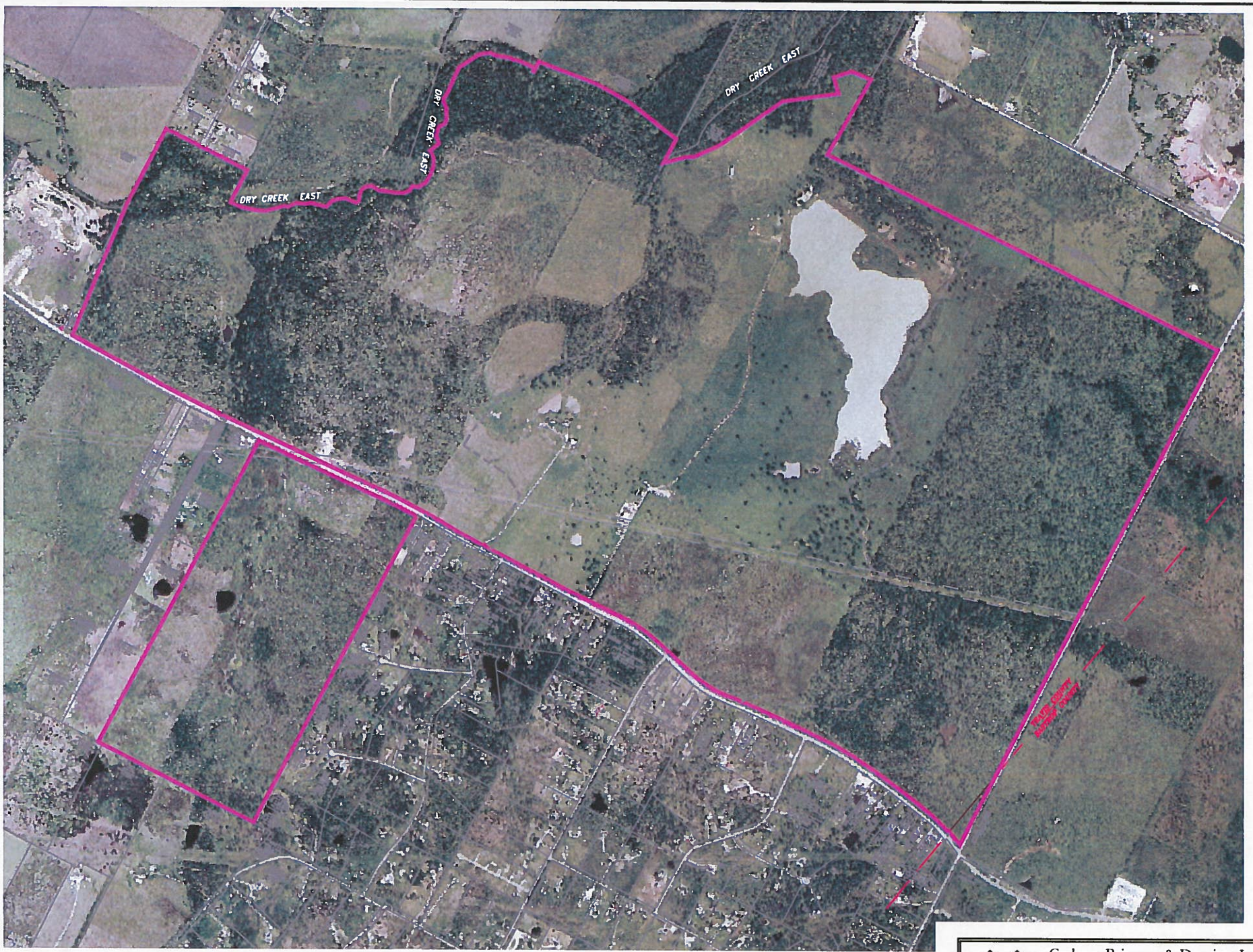
This product has been produced by CTM for the sole purpose of geographic reference. No warranty is made by the City of Austin regarding specific accuracy or completeness.

1" = 1,800'

Exhibit A-2



SCALE: 1" = 1500'



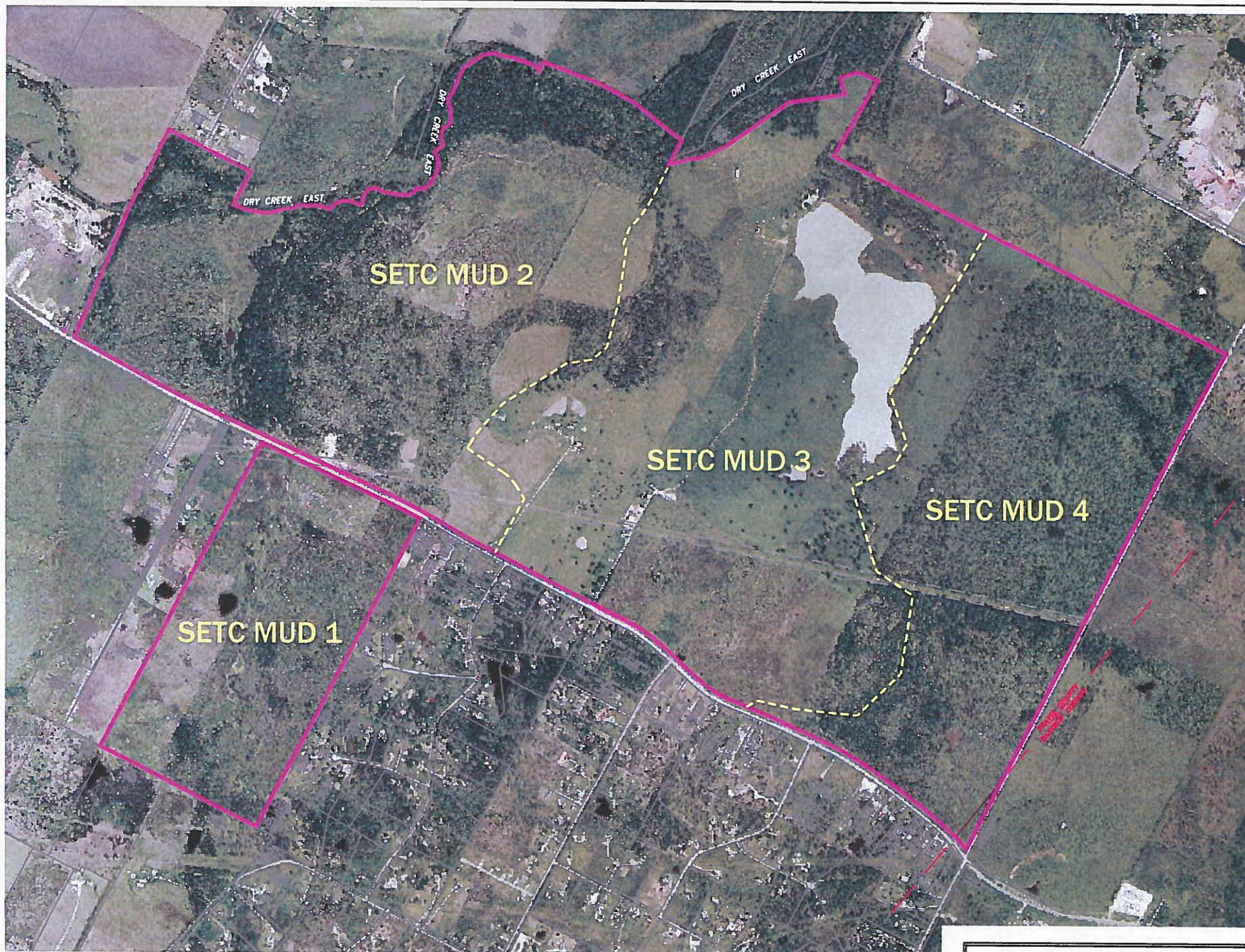
**SUN CHASE PUD
AERIAL OVERLAY**



Carlson, Brigrance & Doering, Inc.

FIRM ID #F3791 • REG. # 10004900

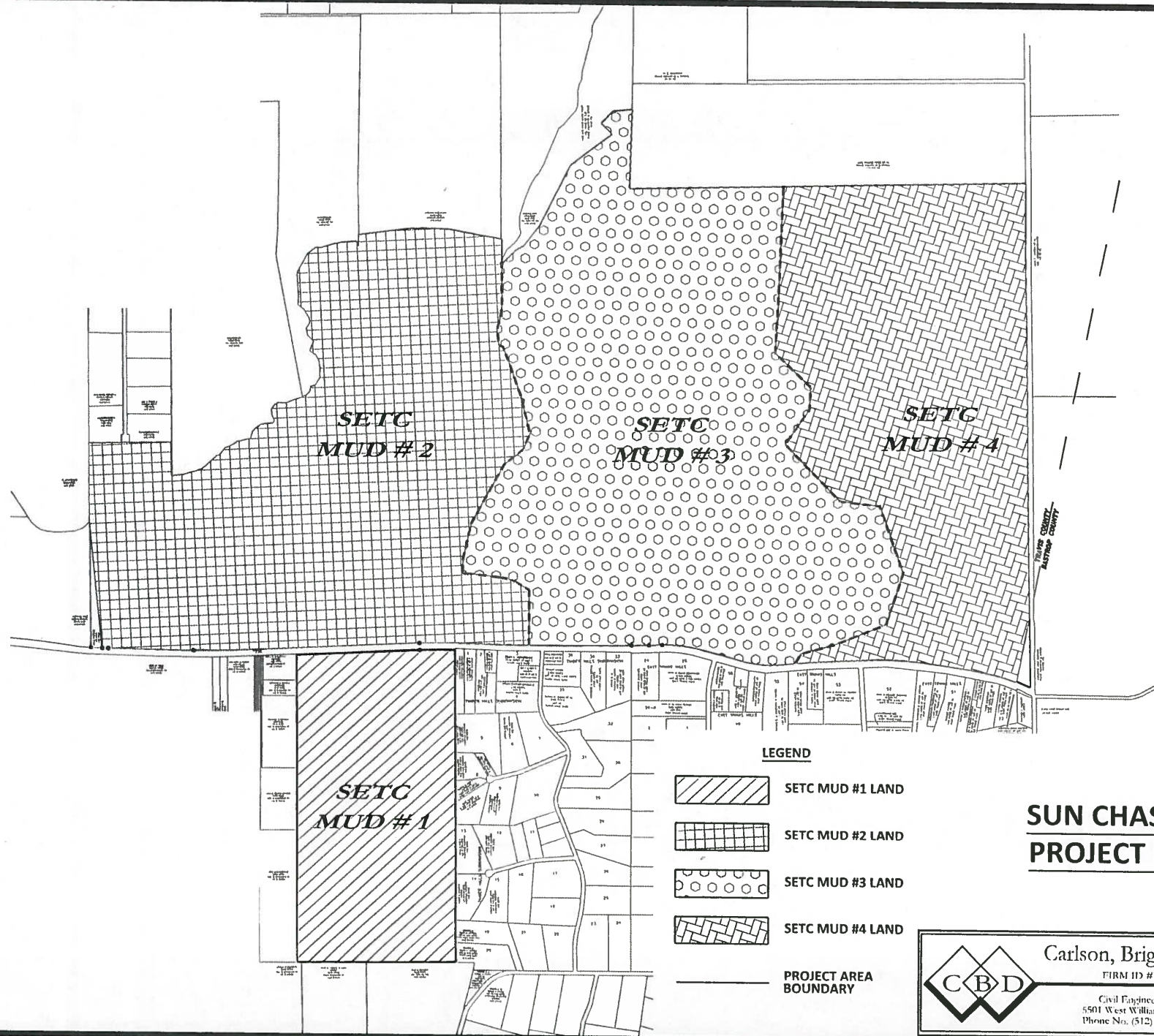
Civil Engineering	•	Surveying
5501 West Williams Canyon	•	Aurora, Texas 75749
Phone No. (512) 280-5160	•	Fax No. (512) 280-5165





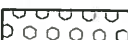

SCALE: 1" = 1500'

**SUN CHASE PUD MUD BOUNDARIES
AERIAL OVERLAY**

CBD Carlson, Brigrance & Doering, Inc.
FIRM ID #F3791 • REG. # 10024900
Civil Engineering • Surveying
5901 West William Canyon • Austin, Texas 78749
Phone No. (512) 280-5160 • Fax No. (512) 280-5165



LEGEND

-  SETC MUD #1 LAND
-  SETC MUD #2 LAND
-  SETC MUD #3 LAND
-  SETC MUD #4 LAND

PROJECT AREA
BOUNDARY

SUN CHASE PUD PROJECT MAP

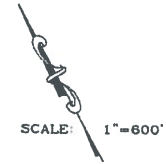
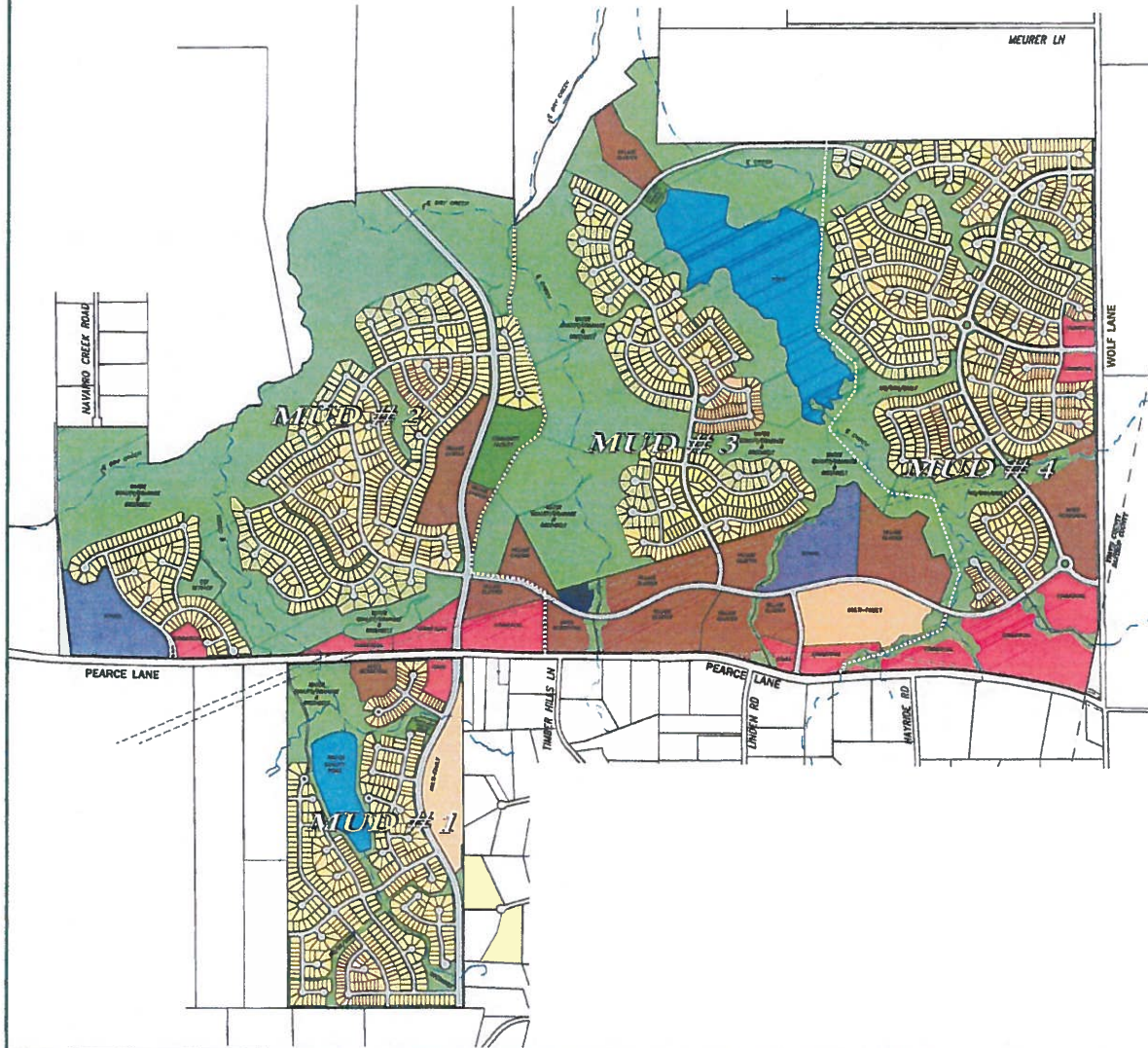


Carlson, Brigrance & Doering, Inc.

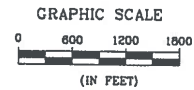
FIRM ID #F3791 REG. # 10024900

Civil Engineering 5501 West William Cannon
Phone No. (512) 280-5160
Surveying Austin, Texas 78749
Fax No. (512) 280-5165

SOUTHEAST TRAVIS COUNTY MUDs #1, #2, #3 & #4



SCALE: 1"=600'



Land Use Summary					
Legend:	MUD #1	MUD #2	MUD #3	MUD #4	TOTAL
Single Family Detached					
40'-45'	90	53	61	121	325
50'	255	274	139	536	1204
60'	125	305	155	234	819
70'	0	95	84	39	218
Total Single Family Detached	470	727	439	930	2566
Single Family / Other (10 Units/Ac)					
Attached/Detached/Townhomes/Condos	45	205	839	208	1297
Multi-Family (20 Units/Ac)	298	0	462	0	760
Commercial (Acres)	2.92	22.54	9.09	49.78	84.33
Water Quality/Drainage & Greenbelt (Ac)	51.42	205.3	300.4	77.97	635.09
Schools (Acres)	0	18.29	18.92	0	37.21
Fire Station Site (Acres)	0	0	2.1	0	2.1

APPROVED BY CITY COUNCIL 03-22-2012



Exhibit A-3

Sun Chase PUD

§2.3 - TIER ONE REQUIREMENTS

All requirements in this section (Tier One Requirements) must be met.

LDC Reference (Chapter 25-2, Subchapter B, Division 5)	Subject	Code Requirement	Sun Chase PUD meets or exceeds this requirement by:
2.3.1.A 2.3.1.B		<p>Meet the objectives of the City Code. Provide for development standards that achieve equal or greater consistency with the goals in Section 1.1 (General Intent) than development under the regulations in the Land Development Code.</p> <p><i>Section 1.1 General Intent goals: preserving the natural environment, encouraging high quality development and innovative design, and ensuring adequate public facilities and services.</i></p>	<p>Addressed in Section 5.04 - approved and executed MUD Consent Agreements - Development and Construction Standards. The Developer agrees that all development, construction, and infrastructure within the District will comply with City design standards, specifications, and requirements, unless otherwise provided in this Agreement or executed by the City, including building permit requirements. The Developer agrees that the Restrictive Covenants for the Land will require that either (a) (i) all commercial buildings within the District be constructed in a manner sufficient to achieve an Energy Star rating, and (ii) all residential buildings within the District be constructed in a manner sufficient to achieve a rating of two stars or greater under the City's Austin Energy Green Building Program, or (b) such buildings be constructed in a manner sufficient to achieve a reasonably equivalent rating under another program executed by the City. The Developer also agrees that the Restrictive Covenants will require that toilets, bathroom sink faucets and shower heads that are labeled as meeting the standards of the EPA WaterSense program, or a comparable program executed by the Developer and the City, be installed in all residential buildings within the District and that all residential irrigation system components are certified as meeting the standards of the EPA WaterSense program, or a comparable program executed by the Developer and the City, or, if the EPA WaterSense program ceases to exist, that such fixtures and irrigation system components be labeled, certified or executed through a comparable program established or executed by the EPA or the City. The Tier I requirements were agreed to in the executed Consent Agreements.</p>

REC'D 12-9-2015

EXHIBIT B

{W0670602.3}

Sun Chase PUD

2.3.1.C	Open Space	<p>Provide a total amount of open space that equals or exceeds 10 percent of the residential tracts, 15 percent of the industrial tracts, and 20 percent of the nonresidential tracts within the PUD, except that:</p> <ol style="list-style-type: none"> 1. a detention or filtration area is excluded from the calculation unless it is designed and maintained as an amenity; and 2. the required percentage of open space may be reduced for urban property with characteristics that make open space infeasible if other community benefits are provided. 	<p>The Sun Chase PUD Parks & Open Space Master Plan and 1/4 Mile Radius Maps approved by staff are attached. The maps include a summary table of required and provided open space and parkland. The PUD exceed above and beyond the requirements. Tier I requires 98 acres of Open Space. 600 Acres of Public Park and Open Space are being provided. The 600 Ac of Greenbelt is comprised of the following: 162.09 Ac. in CWQZ + 34.37 Ac. in WQTZ (outside of floodplain) + 201.91 Ac. in Developed 100 Yr. Flood Plain outside of the CWQZ and WQTZ + 59.39 Ac. in CEF for a total of 457.76 Acres. Greenbelt = (601.93-457.76) 144.76 Ac. The 144.76 Ac of Greenbelt (net of CWQZ, CWQTZ, 100 yr. flood plain and CEF) is 48% increase above the minimum requirement of 98 Ac. Additionally, an estimated 8 miles of public trails will be provided and +/- 2 miles for the extension of City of Austin Bicycle Plan - Urban Trails Master Plan Dry Creek South Greenway</p>
2.3.1.D	Green Building Program	<p>Comply with the City's Planned Unit Development Green Building Program.</p>	<p>The project is located outside of Austin Energy's service area. However, under Section 5.04 of the executed Consent Agreements it states: The Developer agrees that the Restrictive Covenants for the Land will require that either (a) (i) all commercial buildings within the District be constructed in a manner sufficient to achieve an Energy Star rating, and (ii) all residential buildings within the District be constructed in a manner sufficient to achieve a rating of two stars or greater under the City's Austin Energy Green Building Program, or (b) such buildings be constructed in a manner sufficient to achieve a reasonably equivalent rating under another program executed by the City. The Developer also agrees that the Restrictive Covenants will require that toilets, bathroom sink faucets and shower heads that are labeled as meeting the standards of the EPA WaterSense program, or a comparable program executed by the Developer and the City, be installed in all residential buildings within the District and that all residential irrigation system components are certified as meeting the standards of the EPA WaterSense program, or a comparable program executed by the Developer and the City, or, if the EPA WaterSense program ceases to exist, that such fixtures and irrigation system components be labeled, certified or executed through a comparable program established or executed by the EPA or the City.</p>
2.3.1.E	Neighborhood Plans, Historic Areas & Compatibility	<p>Be consistent with applicable neighborhood plans, neighborhood conservation combining district regulations, historic area and landmark regulations, and compatible with adjacent property and land uses.</p>	<p>The Sun Chase PUD is located in southeast Travis County in the City's Desired Development Zone. Existing land uses consist of open pasture land, residential, schools and some supporting commercial services. The Sun Chase PUD has been planned as a master planned community to include various types of residential uses, multifamily, supporting commercial, and open space/recreational.</p>

Sun Chase PUD

2.3.1.F	Environmental Protection	Provide for environmental preservation and protection relating to air quality, water quality, trees, buffer zones and greenbelt areas, critical environmental features, soils, waterways, topography, and the natural and traditional character of the land.	The project will meet and exceed the requirements of the Comprehensive Watershed Ordinance (vested at the time of preliminary plan approval), as described under Tier 2. The project will also meet and exceed the current tree protection and landscape requirements, as described below under landscaping. Further environmental preservation and protection have been agreed to and are addressed in Exhibit F of the Consent Agreements .
2.3.1.G	Public Facilities	Provide for public facilities and services that are adequate to support the proposed development including school, fire protection, emergency service, and police facilities.	Public and Civic Facilities were agreed to and incorporated in Exhibit E of the Consent Agreements : " the Developer agrees to donate two sites within the Project to the Del Valle Independent School District ("the School District"), at the locations shown on the executed Preliminary Plans, for school uses mutually agreed to between the Developer and the School District, upon the following terms: (a) Each site will be donated to the School District at such time as the School District has funding available and is ready, willing and able to construct the school facilities on the site in question. (b) Each site will consist of at least 18 buildable acres. (c) Any changes to the location of a school site will be subject to approval by the Developer, the School District and the City. (d) The Developer will extend water, wastewater and streets to each school site at no cost to the School District. 2. The Developer agrees to dedicate the fire station site shown on the Land Plan to the City at no cost to the City. Additionally, in Exhibit H of the Consent Agreement , Developer will reserve a ten-acre transit site at a location to be mutually agreed upon by the Developer and the City during the PUD process. This site may be purchased by the City or, at the City's option, another governmental entity designated by the City by written notice to the Developer at any time prior to the date the first District or one of the other Southeast Travis County Districts is annexed for full purposes by the City. During the development of the Project, to maintain an on-going dialogue with Capital Metropolitan Transit Authority and any other mass transit service provider regarding mass transit options and transportation issues.

Sun Chase PUD

2.3.1.H	Landscaping	Exceed the minimum landscaping requirements of the City Code.	Addressed in Section 5.07 - The project will meet and exceed the landscaping requirements as described in Exhibit G of the Consent Agreements . A tree preservation plan has been developed; all planted trees will be selected from Appendix F of the Environmental Criteria Manual; and a tree care plan will be provided for construction-related impacts. The District agreed to the minimum landscaping requirements of the City Code by doing the following: Properly maintaining its property, subject to any applicable water use or restrictions imposed by the City; and upon reclaimed water being brought to the project, to use reclaimed water for irrigation in open space areas where such use is economically feasible, subject to any applicable water use restrictions imposed by the City. Reclaimed water will not be used in the CWQZ or flood plain.
2.3.1.I	Transportation & Connectivity	Provide for appropriate transportation and mass transit connections to areas adjacent to the PUD district and mitigation of adverse cumulative transportation impacts with sidewalks, trails, and roadways.	Exhibit H of the Consent Agreement , Developer will reserve a ten-acre transit site at a location to be mutually agreed upon by the Developer and the City during the PUD process. This site may be purchased by the City or, at the City's option, another governmental entity designated by the City by written notice to the Developer at any time prior to the date the first District or one of the other Southeast Travis County Districts is annexed for full purposes by the City. During the development of the Project, to maintain an on-going dialogue with Capital Metropolitan Transit Authority and any other mass transit service provider regarding mass transit options and transportation issues. Additionally, Transportation Requirements are outlined on Exhibit H of the Consent Agreements . In order to provide improved internal connectivity, two additional internal roadways connections have been added to the PUD plan. Internal trails are shown on the attached Sun Chase PUD Parks & Open Space Master Plan and 1/4 Mile Radius Maps.
2.3.1.J	Transportation & Connectivity	Prohibit gated roadways.	Gated roadways are not currently being proposed.
2.3.1.K	Historical Preservation	Protect, enhance and preserve areas that include structures or sites that are of architectural, historical, archaeological, or cultural significance.	No significant historical, archaeological or cultural sites exist on the property.
2.3.1.L	PUD Size	Include at least 10 acres of land, unless the property is characterized by special circumstances, including unique topographic constraints.	Sun Chase PUD tracts total 1,604 acres.
2.3.2.A	Commercial Design Standards	Comply with Chapter 25-2, Subchapter E (Design Standards And Mixed Use).	Building and Urban Design is addressed in Section 5.09 of the Consent Agreements which states, the Developer agrees that the design standards set forth on the attached Exhibit I will be included in the PUD

Sun Chase PUD

2.3.2.B	Commercial Design Standards	Inside the urban roadway boundary depicted in Figure 2, Subchapter E, Chapter 25-2 (Design Standards and Mixed Use), comply with the sidewalk standards in Section 2.2.2., Subchapter E, Chapter 25-2 (Core Transit Corridors: Sidewalks And Building Placement).	<p>Building and Urban Design is addressed in Section 5.09 of the Consent Agreements which states, the Developer agrees that the design standards set forth on the attached Exhibit I will be included in the PUD. This includes:</p> <ul style="list-style-type: none"> • Subchapter E Core Transit Corridor standards shall apply for sidewalks and building placement for 50% of the commercial, multi-family and village cluster development on Flower Cup Loop between Sun Chase Parkway and Misu Drive; • Subchapter E Urban Roadway standards for sidewalks and building placement for 50% commercial, multi-family and village cluster development along Sun Chase Parkway from Pearce Lane to Flower Cup Loop, along Rumworth Drive from Pearce Lane to Flower Cup Loop, and along Misu Drive from Wolf Lane to Flower Cup Loop
2.3.2.C	Commercial Design Standards	Contain pedestrian-oriented uses as defined in Section 25- 2-691(C) (Waterfront Overlay District Uses) on the first floor of a multi-story commercial or mixed use building.	Building and Urban Design is addressed in Section 5.09 of the Consent Agreements which states, the Developer agrees that the design standards set forth on the attached Exhibit I will be included in the PUD.

Sun Chase PUD

§2.4 - TIER TWO REQUIREMENTS

This section contains criteria for determining the extent to which development proposed for a PUD district would be superior to that which would occur under conventional zoning and subdivision regulations as required under Section 1.1 (General Intent). A proposed PUD need not address all criteria in this section to achieve superiority, and the council may consider any other criteria the council deems appropriate.

Subject	Superiority Criteria listed in §2.4	Sun Chase PUD meets or exceeds requirements by:
Open Space	Provides open space at least 10% above the requirements of Section 2.3.1.A. (Minimum Requirements). Alternatively, within the urban roadway boundary established in Figure 2 of Subchapter E of Chapter 25-2 (Design Standards and Mixed Use), provide for proportional enhancements to existing or planned trails, parks, or other recreational common open space in consultation with the Director of the Parks and Recreation Department.	The Sun Chase PUD Parks & Open Space Master Plan approved by staff are attached. The maps include a summary table of required and provided open space and parkland. The PUD exceed above and beyond the requirements. Tier I requires 98 acres of Open Space. 600 Acres of Public Park and Open Space are being provided. The 600 Ac of Greenbelt is comprised of the following: 162.09 Ac. in CWQZ + 34.37 Ac. in WQTZ (outside of floodplain) + 201.91 Ac. in Developed 100 Yr. Flood Plain outside of the CWQZ and WQTZ + 59.39 Ac. in CEF for a total of 457.76 Acres. Greenbelt = (601.93-457.76) 144.76 Ac. The 144.76 Ac of Greenbelt (net of CWQZ, CWQTZ, 100 yr. flood plain and CEF) is 48% increase above the minimum requirement of 98 Ac.
Environment / Drainage	Provides water quality controls superior to those otherwise required by code.	Per the attached Exhibit F of the Consent Agreements - water quality controls, including Biofiltration Ponds, and Wet Detention Ponds will be incorporated for 100% of the required water quality treatment volume. The required water quality capture volume will be increased by 10% over the standard requirement for all water quality ponds. The drainage areas for each of the proposed Wet Ponds are as follows; Pond "D" = 302.54 ac., Pond 2 = 207.95 ac., Pond 3 = 39.50 ac., Pond 4 = 209.26 ac., Pond 12 = 47.20., Pond 13 = 64 ac., Pond 14 = 52.40 ac., Pond 16 = 38.46. The drainage areas for each wet pond are large enough to avoid the use of makeup water. The design criteria requires a minimum of 20 acres drainage basin for wet ponds to ensure adequate make up water. The wet ponds exceed this criteria.
		Although Wet Ponds are not considered "green" water quality controls, they do provide a level of water quality treatment beyond what is provided by sedimentation-filtration ponds. We have conducted a water balance for each wet pond, and have concluded that they will only have minimal, short term need for make-up water. The watersheds for each wet pond will be developed with roadway IC immediately along with improved drainage conveyance and lot impervious cover within an estimated 3 years after pond construction.

Sun Chase PUD

Environment / Drainage	Provides water quality treatment for currently untreated, developed off-site areas of at least 10 acres in size.	Currently untreated developed single-family residential lots and streets to the south and southeast drain to and will be treated by proposed water quality controls. (See attached map titled "Offsite Untreated Runoff Exhibit"). A 92 acre off site area will be treated by a wet pond in MUD No. 1.
Environment / Drainage	Provides minimum 50-foot setback for at least 50 percent of all unclassified waterways with a drainage area of 32 acres.	Setbacks have been provided per the attached Exhibit F of the Consent Agreements for approximately 75% of the waterways with contributing drainage basins of 32 - 320 acres are being protected. The calculations are as follows; 26,940 linear feet streams with a DA 32 ac or more, 20,364 linear feet with a DA or more protected, (20,364 lf / 26,940 lf = 75%). Buffer setback is 50 ft. either side of the centerline of the creek for a total of 100 ft. (minimum).
Environment / Drainage	Provides volumetric flood detention as described in the Drainage Criteria Manual.	Volumetric flood detention will be provided for the entire PUD. This was confirmed with the Consent Agreements. On October 24, 2011 the volumetric analysis letter was delivered to staff. The volumetric analysis letter was re-sent to staff on January 23, 2015. A copy of the e-mail transmitting the letter and associated map as well as the letter itself is attached. Volumetric detention will be provided for the entire PUD area.
Environment / Drainage	Uses natural channel design techniques as described in the Drainage Criteria Manual.	Natural channel design techniques will be incorporated into the storm water management and treatment system using the cross section approved as Exhibit F-1 of the Consent Agreements . No concrete lined channels are proposed. We propose the use of natural materials and restrict the use of concrete in channels except for culvert headwalls.
Environment / Drainage	Restores riparian vegetation in existing, degraded Critical Water Quality Zone areas.	The PUD will provide riparian restoration for areas in the 100-year floodplain that are in "Poor" (1) or "Fair" (2) condition. Areas will be restored to "Good" (3) or "Excellent (4)" as described in Appendix X of the Environmental Criteria Manual. Evaluation of the riparian areas will be required at time of subdivision construction plan approval for residential development, and at time of site plan approval for commercial development. Provided however, that the following final plat applications currently under review shall be exempt from this requirement: Sun Chase South Section 1 (C8J-2008-0176.01.1A), Sun Chase South Section 2 (C8J-2008-0176.01.2A), Sun Chase South Section 3 (C8J-2008-0176.01.3A), Sun Chase South Section 4 (C8J-2008-0176.01.4A) and Sun Chase South Section 5 (C8J-2008-0176.01.5A).
Environment / Drainage	Removes existing impervious cover from the Critical Water Quality Zone.	N/A -there is no existing impervious cover in the CWQZ

Sun Chase PUD

Environment / Drainage	Tree plantings use Central Texas seed stock native and with adequate soil volume.	<p>All required tree plantings shall use native Central Texas tree stock and shall be planted with adequate soil volume in accordance with the following soil volume standards:</p> <ul style="list-style-type: none"> • Small trees (less than 30 ft. mature height): minimum of 600 cubic feet soil volume. • Medium trees (30 to 50 ft. mature height): minimum of 1,000 cubic feet soil volume. • Large trees (greater than 50 ft. mature height): minimum of 1,500 cubic feet soil volume. <p>The topsoil and subsoil may be from naturally occurring native soils or amended within the tree planning pit in order to achieve the requirements. Soil depth shall be three feet for all three sizes. The soil in the plating pit shall be composed of 4 parts of soil mixed with 1 part compost, by volume. The compost shall meet the definition of compost as defined by TxDOT Specification Item 161. The soil shall be locally available native soil that meets the following specifications:</p> <ul style="list-style-type: none"> • Shall be free of trash, weeds, deleterious materials, rocks, and debris. • 100% shall pass through a 1.5-inch (38-mm) screen. • Soil to be a loamy material that meets the requirements of the table below in accordance with the USDA textural triangle. Soil known locally as "red death" is not an allowable soil. Textural composition shall meet the following criteria: <table border="1" data-bbox="1150 789 1711 1006"> <thead> <tr> <th>Textural Class</th><th>Minimum</th><th>Maximum</th></tr> </thead> <tbody> <tr> <td>Clay</td><td>5%</td><td>50%</td></tr> <tr> <td>Silt</td><td>10%</td><td>50%</td></tr> <tr> <td>Sand</td><td>15%</td><td>67%</td></tr> </tbody> </table> <ul style="list-style-type: none"> • An owner/engineer may propose use of onsite salvaged topsoil which does not meet the soil texture class required above by providing a soil analysis and a written statement from a qualified professional in soils, landscape architecture, or agronomy indicating the onsite topsoil will provide an equivalent growth media and specifying what, if any, soil amendments are required. • Soil amendments shall be worked into the existing onsite topsoil with a disc or tiller to create a well-blended material. <p>Topsoil salvaged from the existing site may often be used, but it should meet the same standards as set forth in these standards. For areas where the soil volume is under pavement, the subgrade may not be compacted. Refer to Exhibit "___" for an example of an acceptable tree planting detail.</p>	Textural Class	Minimum	Maximum	Clay	5%	50%	Silt	10%	50%	Sand	15%	67%
Textural Class	Minimum	Maximum												
Clay	5%	50%												
Silt	10%	50%												
Sand	15%	67%												

Sun Chase PUD

Environment / Drainage	Directs Stormwater runoff from impervious surfaces to a landscaped area at least equal to the total required landscape area.	Runoff from impervious surface areas within commercial and multifamily tracts will be directed through landscape areas at least equal to the total required landscape area.
Environment / Drainage	Employs other creative or innovative measures to provide environmental protection.	Additional innovative environmental protection will be provided, including educational signage at critical areas and implementation of an Integrated Pest Management Plan. The IPM will apply to the entire PUD.
Austin Green Builder Program	Provides a rating under the Austin Green Builder Program of three stars or above.	The project is located outside of Austin Energy's service area. However, under Section 5.04 of the Consent Agreements it states: Addressed in Section 5.04 - Consent Agreement - The Developer agrees that the Restrictive Covenants for the Land will require that either (a) (i) all commercial buildings within the District be constructed in a manner sufficient to achieve an Energy Star rating, and (ii) all residential buildings within the District be constructed in a manner sufficient to achieve a rating of two stars or greater under the City's Austin Energy Green Building Program, or (b) such buildings be constructed in a manner sufficient to achieve a reasonably equivalent rating under another program executed by the City. The Developer also agrees that the Restrictive Covenants will require that toilets, bathroom sink faucets and shower heads that are labeled as meeting the standards of the EPA WaterSense program, or a comparable program executed by the Developer and the City, be installed in all residential buildings within the District and that all residential irrigation system components are certified as meeting the standards of the EPA WaterSense program, or a comparable program executed by the Developer and the City, or, if the EPA WaterSense program ceases to exist, that such fixtures and irrigation system components be labeled, certified or executed through a comparable program established or executed by the EPA or the City.
Art	Provides art executed by the Art in Public Places Program in open spaces, either by providing the art directly or by making a contribution to the City's Art in Public Places Program or a successor program.	Yes - In accordance with Section 5.10 and Exhibit J of the Consent Agreement a Public Art Master Plan will be prepared which will identify opportunities, guiding principles and locations within the PUD for outdoor art installations to be implemented by the Developer. Following installation, all subsequent management, operation and/or maintenance of the artwork will be the responsibility of the Developer or the Owners Association.
Great Streets	Complies with City's Great Streets Program, or a successor program. Applicable only to commercial, retail, or mixed-use development that is not subject to the requirements of Chapter 25-2, Subchapter E (Design Standards and Mixed Use).	Street cross sections are being proposed that will facilitate and enhance pedestrian and bicycle mobility above standard requirements. Additionally, the Complete Street Policy will apply to, (i) lands within the Sun Chase PUD that has not been subdivided, and (ii) approved preliminary plans that would be subject to any major revisions in the future. Notwithstanding the foregoing, approval is subject to Travis County consent and approval for any modification to the transportation requirements.

Sun Chase PUD

Community Amenities	Provides community or public amenities, which may include spaces for community meetings, community gardens or urban farms, day care facilities, non-profit organizations, or other uses that fulfill an identified community need.	The Sun Chase PUD Parks & Open Space Master Plan and 1/4 Mile Radius Maps approved by staff are attached. The maps include a summary table of required and provided public and private open space / parkland, hike and bike trails and pedestrian connectivity. The PUD exceed above and beyond the standard requirements.
Community Amenities	Provides publicly accessible multi-use trail and greenway along creek or waterway.	An estimated 8 miles of public trails will be provided and +/- 2 miles for the extension of City of Austin Bicycle Plan - Urban Trails Master Plan Dry Creek South Greenway
Transportation	Provides bicycle facilities that connect to existing or planned bicycle routes or provides other multi-modal transportation features not required by code.	<p>The PUD will provide +/- 2 miles for the extension of City of Austin Bicycle Plan - Urban Trails Master Plan Dry Creek South Greenway.</p> <p>On-going dialogue will continue with Capital Metropolitan Transit Authorities and any other mass transit service provider regarding mass transit options and transportation issues.</p>
Building Design	Exceeds the minimum points required by the Building Design Options of Section 3.3.2. of Chapter 25-2, Subchapter E (Design Standards and Mixed Use).	See Section 5.09 and Exhibit I of the Consent Agreements and attached for reference.
Parking Structure Frontage	In a commercial or mixed-use development, at least 75 percent of the building frontage of all parking structures is designed for pedestrian-oriented uses as defined in Section 25-2-691(C) (Waterfront Overlay District Uses) in ground floor spaces.	Not applicable
Affordable Housing	Provides for affordable housing or participation in programs to achieve affordable housing.	<p>Participation in the Affordable Housing Program as follows:</p> <ul style="list-style-type: none"> • Ten percent of the rental units within the Project will be set aside for households with an income level of 60% or less of the median family income in Austin metropolitan statistical area for a period of 40 years form the Effective Date of the Consent Agreement. • Ten percent of the owner-occupied units within the Project will be priced, at the time of their initial offering for sale, at a price that is affordable to a household with an income level of 80% of the median family income in the Austin metropolitan statistical area. • A financial contribution to the City's affordable housing program equal to two percent of the total "hard" construction cost reimbursements actually received by the Developer out

Sun Chase PUD

		of the proceeds of bonds issued by the MUDs, up to a maximum total contribution of \$1.8 Million.
Historic Preservation	Preserves historic structures, landmarks, or other features to a degree exceeding applicable legal requirements.	No significant historical, archaeological or cultural sites exist on the property.
Accessibility	Provides for accessibility for persons with disabilities to a degree exceeding applicable legal requirements.	Development will meet all applicable accessibility requirements.
Local Small Business	Provides space at affordable rates to one or more independent retail or restaurant small businesses whose principal place of business is within the Austin metropolitan statistical area.	N/A

DO NOT PRUNE
TERMINAL
LEADER
REMOVE DEAD
& BROKEN
BRANCHES ONLY

REMOVE TREE
WRAP, TAPE, TAGS
STRING & LABELS
FROM TRUNK

T-POST FOR
TREES OVER 3" CAL.

SET ROOT BALL 1/2"
ABOVE GRADE
CENTER ROOT BALL
IN HOLE. WITH
BOTTOM OF HOLE
FIRM.
SET ROOT BALL 1/2"
ABOVE GRADE

HOSE OVER
WIRE

T-POST
REMOVE POSTS
AND WIRE AFTER
ONE YEAR

REMOVE SUCKERS

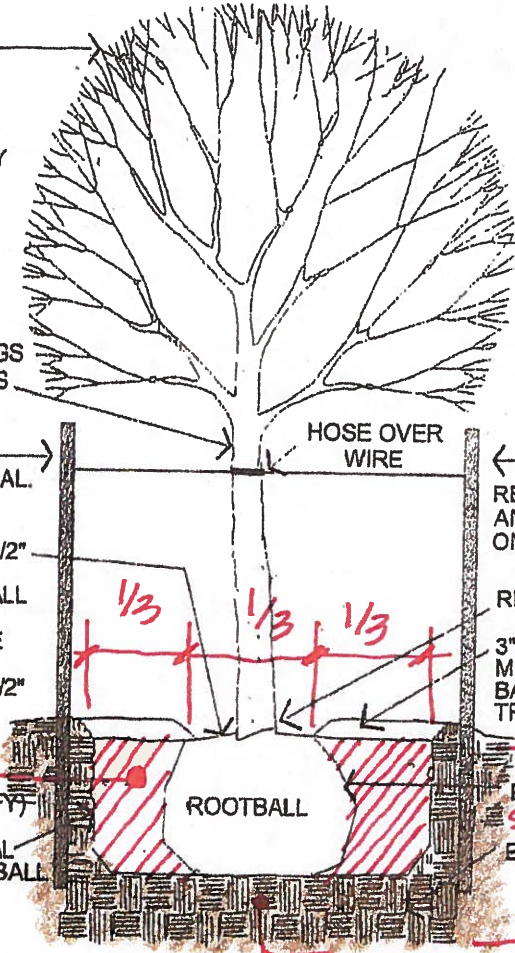
3" DEEP ORGANIC
MULCH WITH 6" DIA.
BARE SOIL AROUND
TRUNK

PRUNE GIRDLING ROOTS
SOIL DEPTH 36"
EXISTING SUBSTRATE

TREE PLANTING PIT

AMEND
SOIL MIX
ONLY AS
NECESSARY

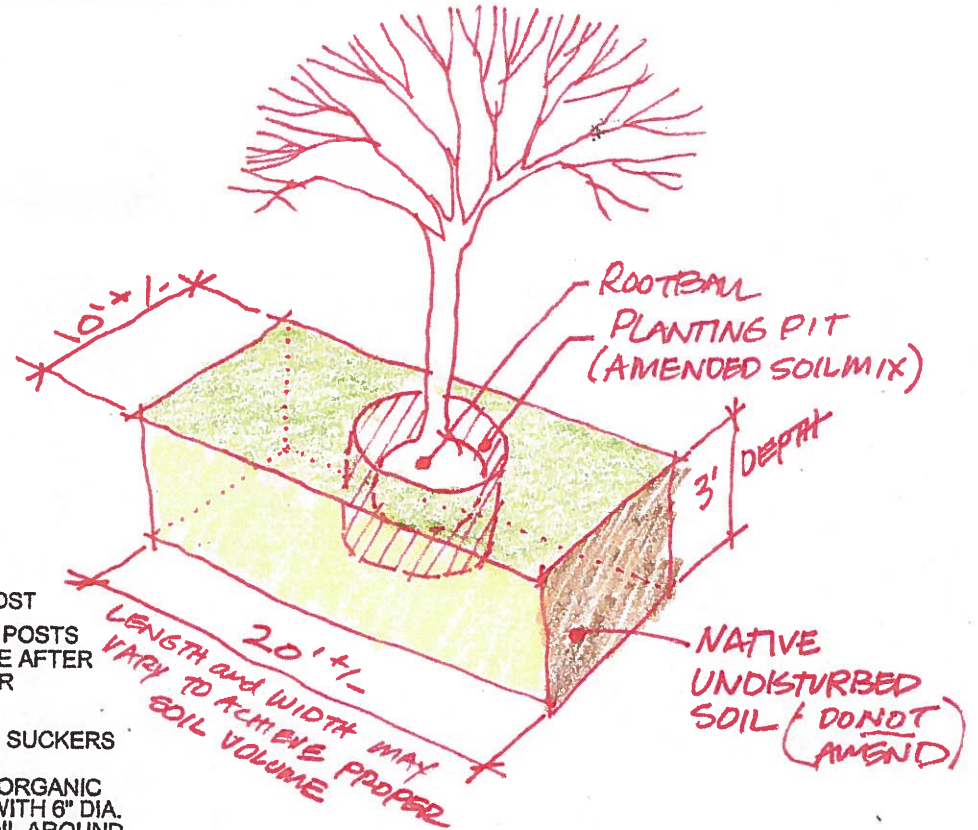
BREAKUP (SCARIFY)
SIDES OF HOLE,
REMOVE MATERIAL
WRAPPING ROOTBALL



DO NOT AMMEND SOIL UNLESS POOR CONDITIONS EXIST. WATER TO SETTLE,
AND REMOVE AIR POCKETS. FIRMLY SET TREE, TAMP IF NEEDED.
HOLE WIDTH = 3 TIMES WIDTH OF ROOTBALL, HEIGHT. TO MATCH ROOTBALL

Sun Chase PUD TREE PLANTING DETAIL

EQUIVILANT TO FIGURE 3-14



Isometric of Small Tree Planting

Minimum Soil Volume for Small Tree: 600CF

Medium Tree: 1,000CF

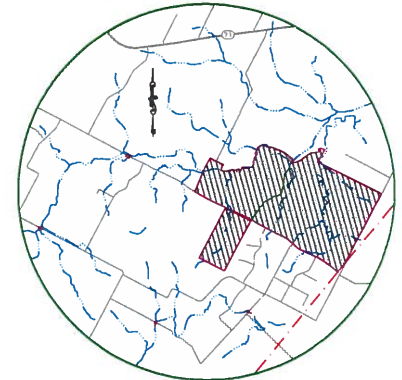
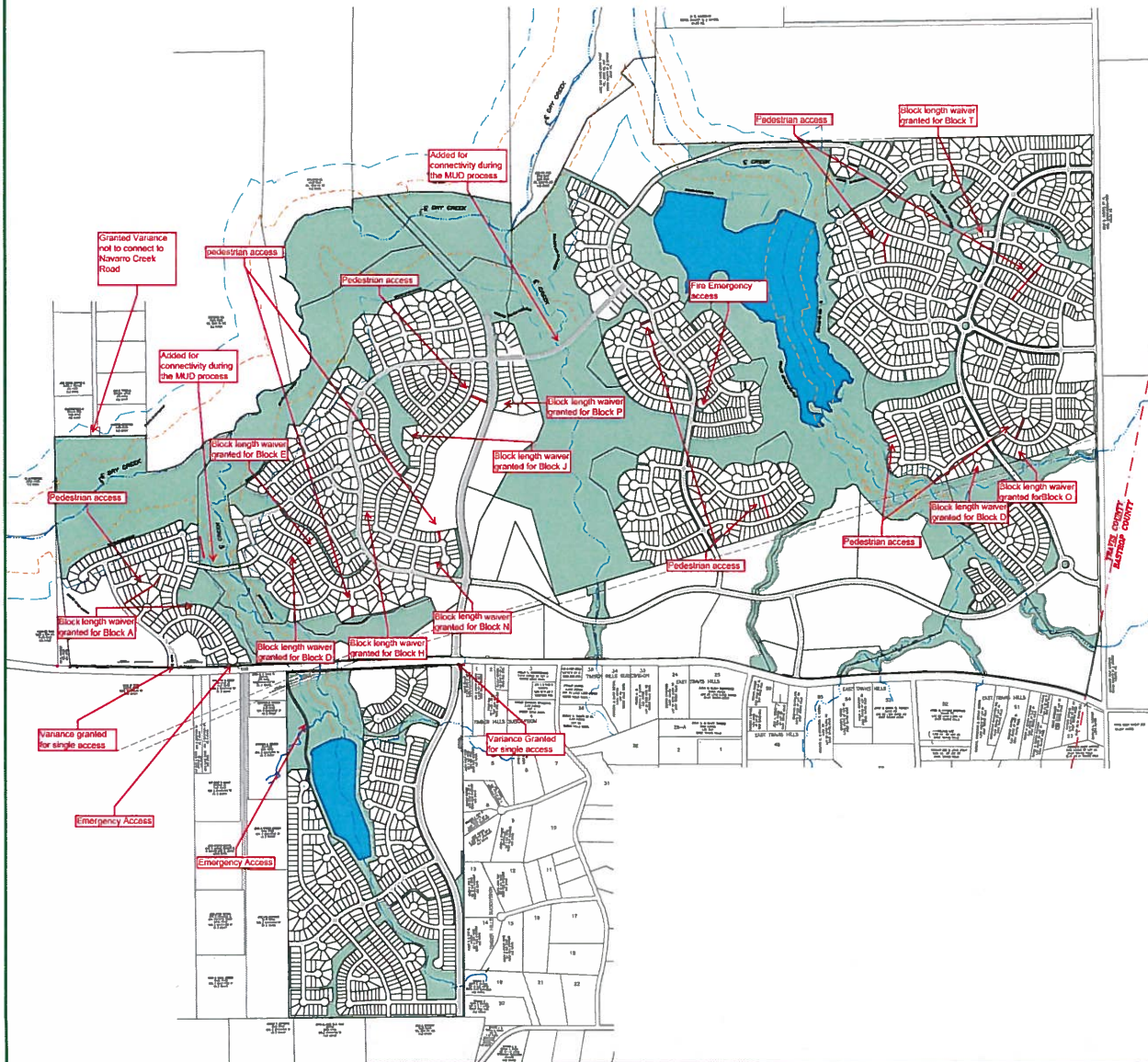
Large Tree: 1,500CF

(DO NOT DISTURB)

EXHIBIT _____

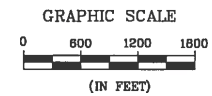
REC'D 12-9-2015

SUN CHASE PUD



LOCATION MAP
SCALE: 1" = 4000'

SCALE: 1" = 600'



Legend	Acreage
GREENBELT AREAS	601.93
CWQZ	162.09
WQTZ (ACREAGE NOT IN 100 YR FP)	34.37
DEVELOPED 100 YEAR FLOODPLAIN (ACREAGE NOT IN CWQZ)	201.91
GREENBELT (LESS CWQZ, WQTZ & 100 YR FP)	203.56

Case File# C814-2012-0163

Carlson, Brignace & Doering, Inc.

Civil Engineering Surveying

1501 West William Avenue Austin, Texas 78749

Phone No. (512) 205-5160 Fax No. (512) 205-5161

Sun Chase PUD – Requested Code Modifications to Development Regulations

Category	Code Reference	Description	Sun Chase PUD
Environmental - WPO	25-8-62 (C) and 30-5-62 (C) NET SITE AREA	Net site area does not apply in the urban and suburban watersheds -	25-8-62 (C) and 30-5-62 (C) is modified to apply within Sun Chase PUD.
	25-8-91 (B) and 30-5-91 (B) – WATERWAY CLASSIFICATIONS	Waterway Classifications	A minor waterway has a drainage area of at least 320 acres and not more than 640 acres. An intermediate waterway has a drainage area of at least 640 acres but not more than 1,280 acres, and a major waterway has a drainage area of more than 1,280 acres.
	25-8-92 (B) and 30-5-92 (B) CRITICAL WATER QUALITY ZONES ESTABLISHED	Not included	25-8-92 (B) and 30-5-92 (B) 1. the boundaries of a critical water quality zone coincides with the boundaries of the boundaries of the 100 year flood plain except as follows:
		1. for a minor waterway, the boundaries of the critical water quality zone are located 100 feet from the centerline of the waterway	2. for a minor waterway, the boundaries of the critical water quality zone are located not less than 50 feet and not more than 100 feet from the centerline of the waterway
		2. for an intermediate waterway, the boundaries of the critical water quality zone are located 200 feet from the centerline of the waterway; and	3. for an intermediate waterway, the boundaries of the critical water quality zone are located not less than 100 feet and not more than 200 feet from the centerline of the waterway; and
		3. for a major waterway, the boundaries of the critical water quality zone are located 300 feet from the centerline of the waterway;	4. for a major waterway, the boundaries of the critical water quality zone are located not less than 200 feet and not more than 400 feet from the centerline of the waterway;

{W0670587.4}

1 Sun Chase PUD Code Modification Table (W0670587-4)

REC'D 1-6-2016
EXHIBIT B-1

Sun Chase PUD – Requested Code Modifications to Development Regulations

			5. for selected unclassified waterways, the boundaries of the critical water quality zone are located either 50 feet from the centerline of the waterway, or along the boundaries of the fully developed 100 year floodplain as shown on the Environmental Exhibit.
		4. The critical water quality zone boundaries may be reduced to not less than 50 feet from the centerline of a minor waterway, 100 feet from the centerline of an intermediate waterway, and 150 feet from the centerline of a major waterway if the overall surface area of the critical water quality zone is the same or greater than the surface area that would be provided without the reduction, as prescribed in the Environmental Criteria Manual.	6. Critical Water Quality Zone buffer averaging does not apply in the Sun Chase PUD.
		5. Notwithstanding the provisions of Subsections (B)(1), (2), and (3), a critical water quality zone does not apply to a previously modified drainage feature serving a public roadway right-of-way that does not possess any natural and traditional character and cannot reasonably be restored to a natural condition.	7. Notwithstanding the provisions of Subsections (B)(1), (2), and (3), a critical water quality zone does not apply to a previously modified drainage feature serving a public roadway right-of-way that does not possess any natural and traditional character and cannot reasonably be restored to a natural condition.
	25-8-93 (A) and 30-5-93 (A) WATER QUALITY TRANSITION ZONES ESTABLISHED	Water Quality Transition Zones do not apply in Suburban Watersheds.	25-8-93 (A) and 30-5-93 (A) Water Quality Transition Zones apply within the Sun Chase PUD.

Sun Chase PUD – Requested Code Modifications to Development Regulations

	25-8-211 and 30-5-211 WATER QUALITY CONTROL REQUIREMENT (B) (3)	if the total of new and redeveloped impervious cover exceeds 8,000 square feet.	if the total of new and redeveloped impervious cover exceeds 20% of net site area.
	25-8-232 and 30-5-232 DEDICATED FUND (A), (B), (C)		25-8-232 and 30-5-232 (A), (B) and (C) will not apply to the Sun Chase PUD. The MUD Consent Agreements establish that drainage facilities within the Districts will be owned, financed, operated and maintained by the Districts, therefore we're requesting clarification that the Dedicated Fund will not apply to the PUD.
	25-8-261 and 30-5-261 CRITICAL WATER QUALITY ZONE DEVELOPMENT	(F) Detention basins and wet ponds are prohibited in the critical water quality zone unless the requirements of Section 25-8-364 and 30-5-364 (Floodplain Modification), Chapter 25-7 (Drainage) and 30-4 (Drainage), and the other provisions of this subchapter are met.	Detention basins and wet ponds are prohibited in the critical water quality zone except as depicted on the attached Exhibit, "CWQZ DETENTION POND A".
	25-8-392 and 30-5-392 UPLANDS ZONE	(A) This section applies to development in an uplands zone. Impervious cover limits in this section are expressed as percentages of gross site area.	This section applies to development in an uplands zone. Impervious cover limits in this section are expressed as percentages of net site area.
		(1) Impervious cover for a single-family residential use with a minimum lot size of 5,750 square feet may not exceed: (a) 50 percent; or (b) if development intensity is transferred under Section 25-8-393 and 30-5-393 (Transfer Of Development Intensity), 60 percent.	(1) Impervious cover for a single-family residential use with a minimum lot size of 5,750 square feet may not exceed: 45 percent or if development intensity is transferred under Section 25-8-393 and 30-5-393 (Transfer of Development Intensity), 50 percent.

Sun Chase PUD – Requested Code Modifications to Development Regulations

		(2) Impervious cover for a duplex or single-family residential use with a lot smaller than 5,750 square feet in size may not exceed: (a) 55 percent; or (b) if development intensity is transferred under Section 25-8-393 30-5-393 (Transfer Of Development Intensity), 60 percent.	(2) Impervious cover for a duplex or single-family residential use with a lot smaller than 5,750 square feet in size may not exceed: 55 percent or if development intensity is transferred under Section 25-8-393 and 30-5-393 (Transfer of Development Intensity), 60 percent
		(3) Impervious cover for a multifamily residential use may not exceed: (a) 60 percent; or (b) if development intensity is transferred under Section 25-8-393 and 30-5-393 (Transfer Of Development Intensity), 70 percent.	(3) Impervious cover for a multifamily residential use may not exceed: 60 percent or if development intensity is transferred under Section 25-8-393 and 30-5-393 (Transfer of Development Intensity), 65 percent.
		(4) Impervious cover for a commercial use may not exceed: (a) 80 percent; or (b) if development intensity is transferred under Section 25-8-393 and 30-5-393 (Transfer Of Development Intensity), 90 percent.	(4) Impervious cover for a commercial use may not exceed: 65 percent or if development intensity is transferred under Section 25-8-393 and 30-5-393 (Transfer of Development Intensity), 70 percent.
	25-8-393 and 30-5-393	Transfer of Development Intensity	An applicant who complies with a provision of this subsection qualifies for the development intensity transfer described in the provision, subject to the requirements in subsection (B) and the impervious cover limitations in section 25-8-392 (Uplands Zone). (A) For transfers between two subdivided tracts; (1) For each acre of land in a critical water quality zone that and applicant dedicates in fee simple to the City or a Municipal Utility District or another entity approved by the Watershed Protection

{W0670587.4}

Sun Chase PUD – Requested Code Modifications to Development Regulations

			<p>Department director in fee simple, the applicant may transfer 20,000 square feet of impervious cover to an upland zone. Land dedicated under this section may also be credited toward the parkland dedication requirements of Chapter 25-4, Article 3, Division 5 (Parkland Dedication);</p> <p>(2) For each acre of land in the water quality transition zone that an applicant leaves undeveloped and undisturbed and does not include in impervious cover calculations elsewhere, the applicant may transfer 20,000 square feet of impervious cover to the uplands zone;</p> <p>(3) For each acre of land in a water quality transition zone than an applicant used for a golf course or other recreational use, restores using predominantly native plants and grasses, and provides a plan for minimizing the use and effect of pesticides, herbicides and fertilizers, the applicant may transfer 17,000 square feet of impervious cover to an uplands zone;</p> <p>(4) For each acre of land in and uplands zone that is located in the buffer zone of a critical environmental feature and that an applicant leaves natural and undisturbed, the applicant may transfer 20,000 square feet of impervious cover ton an uplands zone. The buffer area may be included in the net site area calculations for the uplands zone;</p>
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{W0670587.4}

Sun Chase PUD – Requested Code Modifications to Development Regulations

			<p>(5) For each acre of land in an uplands zone that an applicant uses for wastewater irrigation, restricts against future development, and leave in a natural state, other than for necessary irrigation lines and tailwater control berms, the applicant may transfer 20,000 square feet of impervious cover to an uplands zone.</p> <p>(B) An applicant who qualifies for a development intensity transfer under Subsection (A) must comply with requirements of this subsection to affect the transfer.</p> <p>(1) An applicant may transfer development intensity to a receiving tract that is within the same watershed classification as the transferring tract. This limitation does not apply if the transferring and receiving tracts are both owned by the applicant and are separated only by property that is also owned by the applicant.</p> <p>(2) An applicant must concurrently plat the transferring and receiving tracts and must transfer all development intensity at that time</p> <p>(3) An applicant must note the development intensity transfer on the plats of the transferring and receiving tracts, in a manner determined by the director.</p> <p>(4) An applicant must file in the deed records a restrictive covenant, approved</p>
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{W0670587.4}

Sun Chase PUD – Requested Code Modifications to Development Regulations

			<p>by the city attorney that runs with the transferring tract and describes the development intensity transfer.</p> <p>(C) For transfers between two site plans:</p> <p>(1) An applicant may transfer development intensity to a receiving tract that is within the same watershed classification as the transferring tract. This limitation does not apply if the transferring and receiving tracts are both owned by the applicant and are separated only by property that is also owned by the applicant.</p> <p>(2) the receiving and transferring site plans;</p> <p>(3) An applicant must file in the deed records a restrictive covenant, approved by the City Attorney that runs with the transferring tract and describes the development intensity transfer.</p> <p>(4) The transfer must occur before the receiving and transferring site plans are released.</p> <p>(D) For transfers within a single site plan, an applicant must file in the deed records a restrictive covenant, approved by the City Attorney that runs with the transferring tract and describes the development intensity transfer.</p>
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{W0670587.4}

Sun Chase PUD – Requested Code Modifications to Development Regulations

	Section 25-8, Article 9 and Section 30-5, Article 9 - Suburban Watershed Requirements –	Water Quality Transition Zone	(A) In a Water Quality Transition Zone, the impervious cover of the land area of a site may not exceed 30%. In determining land area, land in the 100 year floodplain is excluded.
			(B) Water Quality Controls may be located in a Water Quality Transition Zone.
Zoning	25-2-243 -Proposed District Boundaries Must be Contiguous	Requires boundaries of zoning application to be contiguous	To allow for the PUD boundaries to not be contiguous
	Subchapter E – DESIGN STANDARDS AND MIXED USE	Commercial Design Standards	To allow the PUD to follow the terms of the approved Consent Agreement(s) for Southeast Travis County MUDs 1-4 related to Subchapter E requirements. Refer to Exhibit "I" of the Consent Agreements.
	25-2-491 Permitted, Conditional and Prohibited Uses	Outlines uses permitted, conditional and prohibited	Allow for specific set of permitted and prohibited uses to be applicable per the Zoning Use Summary Table submitted with PUD application
	25-2-492 Site Development Regulations		Allow the PUD to follow the attached Site Development Regulation
	25-2-517 Requirements for Amphitheaters		Is modified so that Land Use Commission approval is not required
Transportation	25-4-154 and 30-3 Design and Construction	Roadway Design Standard	To allow the PUD to adhere to the terms of the approved Consent Agreements for Southeast Travis County MUDs 1-4 related to the Transportation Requirements Plan. Refer to Exhibit "H" of the Consent Agreements. Roadway cross sections and striping subject to

{W0670587.4}

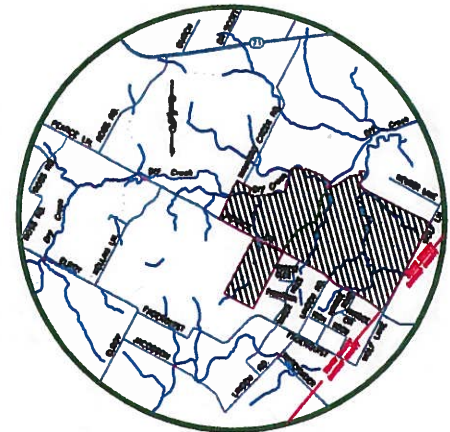
Sun Chase PUD – Requested Code Modifications to Development Regulations

			approval by Travis County Transportation and Natural Resources Department
	25-4-151 and 30-2-151 Street Alignment and Connectivity	Requirements for street alignment and connectivity	To allow the existing approved variance to not connect to Navarro Creek Road approved with the Sun Chase Phase 1 Preliminary Plan to remain in effect
Subdivision	30-2-62 - Expiration of Approved Preliminary Plan		To allow the previously approved Sun Chase South, Sun Chase Phase 1 and Sun Chase Phase 2 to expire 15 years after their approval date.

{ W0670587.4 }

SUN CHASE PUD

SCALE: 1"=1700'



LOCATION MAP

SCALE: 1" = 11300'

GRAPHIC SCALE

0 1000 2000
(IN FEET)

Legend	Land Use	Maximum Density	Acres	Base Zoning
	Single Family	5.0 UPA	617.319	SF-3
	Single Family - Small Lot	6.0 UPA	49.75	SF-4A
	Mixed Residential	12 UPA	117.19	MF-1
	Multi-Family Residential	36 UPA	64.41	MF-3
	Mixed Commercial	FAR 3:1	65.49	CR
	Civic		74.98	CR
	Community Recreation Private		12.95	CR
	Community Recreation Public Greenbelt Parkland/Water Quality/Drainage		601.93	CR
	Future Transit			
				TOTAL TRACT ACREAGE: 1604.019 ACRES

Unclassified Waterways
with Buffer per S.E. Travis

County M.U.D. 1, 2, 3 and 4
Consent Agreements

SUN CHASE PUD LAND USE PLAN

CBD Carlson, Briggance & Dyer, Inc.
Civil Engineering Surveying
4501 West 11th Street Austin, Texas 78749
Phone No. (512) 280-5160 Fax No. (512) 280-5165

Case File# CB14-2012-0163

Exhibit C

PARCEL SUMMARY:									
	RESIDENTIAL UNITS (SF/PAV)	RESIDENTIAL ACREAGE (SF/PAV)	NON RESIDENTIAL (AC.)	CIVIC USES (AC.)	OPEN SPACE REQUIRED (SF/PAV)	PARKS REQUIRED (AC.)	PUBLIC PARK & OPEN SPACE PROVIDED (AC.)	PRIVATE PARKS (AC.)	TOTAL PUBLIC PARKS, OPEN SPACE & PRIVATE PARKS
MUD No.1	682	133.31	2.92	0	13,915	10.22	50.36	1.13	11.49
MUD No.2	1194	231.89	16.19	18.29	26,407	14.58	198.56	10.42	208.98
MUD No.3	2076	238.99	7.49	56.68	24,197	22.70	276.13	1.4	278.53
MUD No.4	1472	255.48	35.89	0	33,652	12.22	81.12	0	83.34
	5429	859.67	62.49	74.96	98,161	69.72	806.16	12.95	819.11

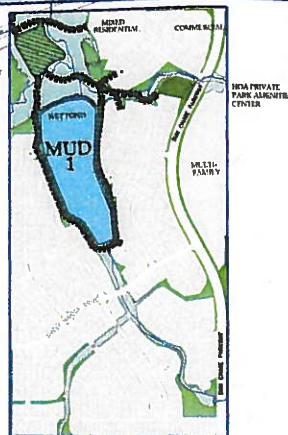
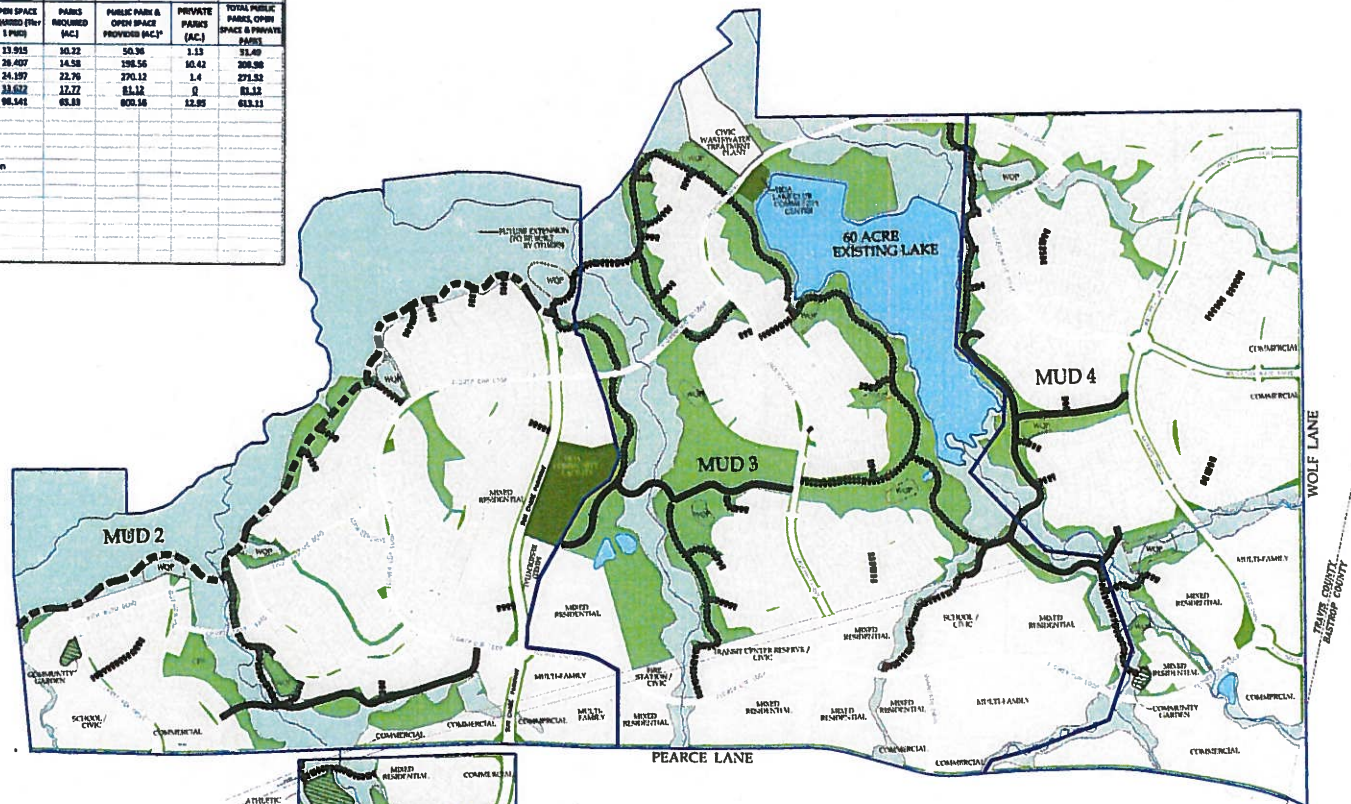
* BREAKDOWN OF PUBLIC PARK & OPEN SPACE - ACRES

688.16 TOTAL Acres of Public Park & Open Space Broken Down as Follows:

311.02	Greenbelt and Open Space between 25 Yr. Flood plain
53.75	Greenbelt and Open Space between 25 Yr. and 300 Yr. Flood plain
235.36	Public Parks & Open Space
-30.21	Less Utility Easements
196.65	Total Public Park Acreage

Add Storm water Facilities that will serve as Public Amenities:

61.13	Pond/Lake in MUD 3
11.90	Water Quality Pond in MUD 1
268.18	Total Public Park Acreage to be operated by SETC MUDs



LEGEND

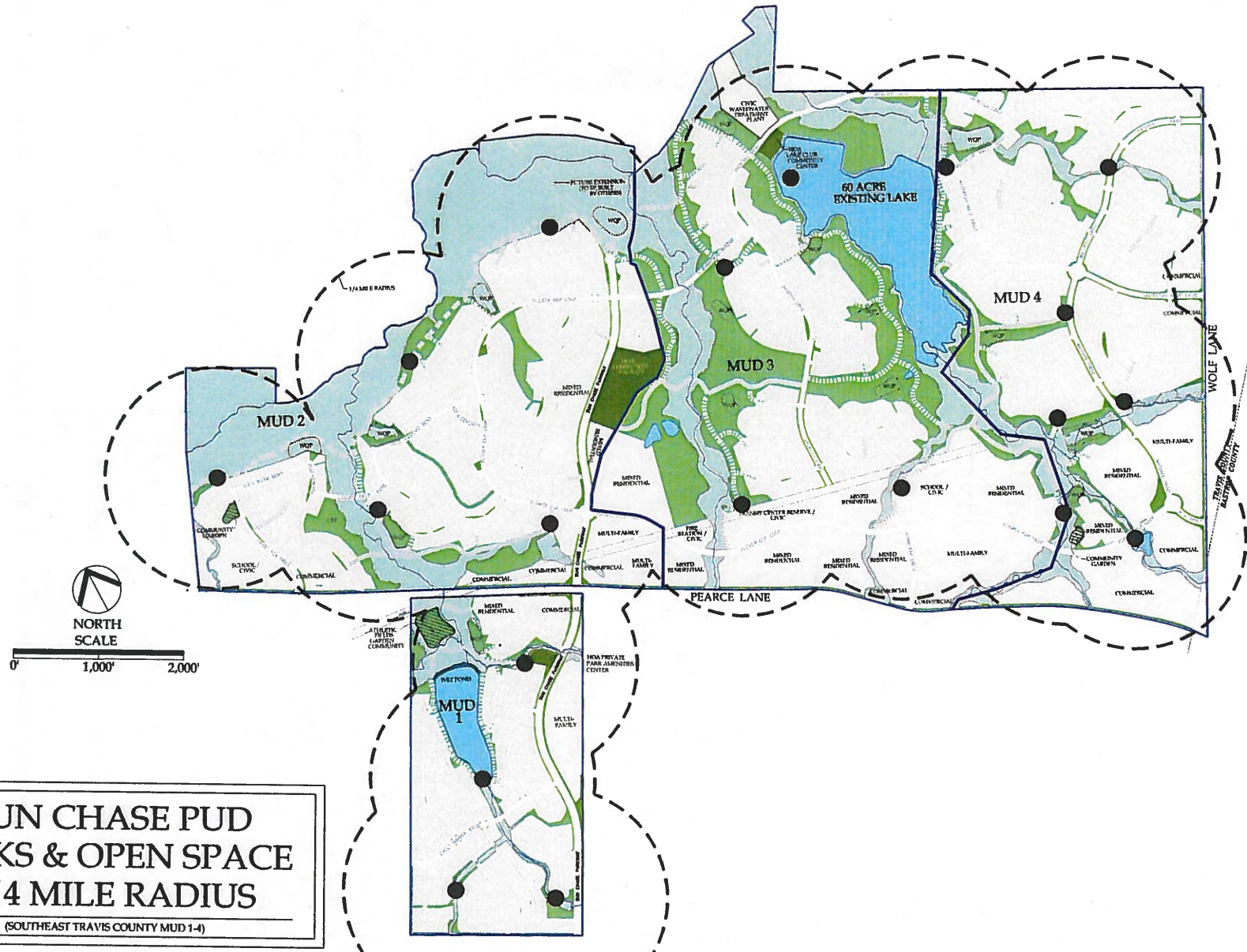
- MUD BOUNDARY
- PRIVATE HOA PARKS (TO INCLUDE PLAYScape, SPLASH PAD, SWIMMING POOLS, PAVILIONS, COMMUNITY CENTER, BASKETBALL COURTS & ATHLETIC FIELDS)
- PUBLIC PARKS & GREENBELT- TO INCLUDE OUTDOOR TRAILS, ACCESSIBLE TRAILS AND TRAILS THAT CONNECT TO URBAN TRAIL AND BIKE PLAN, COMMUNITY GARDENS AND ATHLETIC FIELDS. (OWNED AND OPERATED BY MUDS)
- PUBLIC OPEN SPACE- FLOOD PLAIN, UTILITY EASEMENTS AND STORMWATER FACILITIES DESIGNED AS AMENITIES. (OWNED AND OPERATED BY MUDS)
- PROPOSED PUBLIC TRAIL TO MEET ACCESSIBILITY GUIDELINES FOR OUTDOOR DEVELOPED AREA / ADA. (6.26 MILES ESTIMATED)
- PROPOSED PUBLIC ADA ACCESSIBLE TRAIL TO MEET TAS 2010 ADA STANDARDS FOR ACCESSIBLE DESIGN (DEPT. OF JUSTICE; SEPT. 15, 2010) 2.57 MILES ESTIMATED
- CITY OF AUSTIN BICYCLE PLAN / URBAN TRAILS MASTER PLAN DRY CREEK SOUTH GREENWAY (1.78 MILES ESTIMATED)
- RESIDENTIAL/COMMERCIAL/CIVIC

SUN CHASE PUD PARKS & OPEN SPACE MASTER PLAN

(SOUTHEAST TRAVIS COUNTY MUD 1-4)

November 26, 2013

Exhibit E



**SUN CHASE PUD
PARKS & OPEN SPACE
1/4 MILE RADIUS**

(SOUTHEAST TRAVIS COUNTY MUD 1-4)

SUN CHASE PUD LAND USE ZONING TABLE

	SINGLE FAMILY	SMALL LOT SINGLE FAMILY	MIXED RESIDENTIAL	MULTIFAMILY RESIDENTIAL	MIXED COMMERCIAL	CIVIC USES	COMMUNITY RECREATION PRIVATE	COMMUNITY RECREATION PUBLIC
RESIDENTIAL USES								
Bed and Breakfast (Group 1)	P	P	P	P	P			
Bed and Breakfast (Group 2)	P	P	P	P	P			
Condominium Residential		P	P	P	P			
Conservation Single Family Residential								
Duplex Residential	P	P	P	P				
Group Residential								
Mobile Home Residential								
Multifamily Residential			P	P	P			
Retirement Housing (Small Site)			P	P	P			
Retirement Housing (Large Site)			P	P	P			
Single Family Attached Residential	P	P	P	P	P			
Single Family Residential	P	P	P	P				
Small Lot Single Family Residential		P	P	P				
Townhouse Residential		P	P	P				
Two-Family Residential	P		P	P				
Short-Term Rental	P	P	P	P	P			

COMMERCIAL USES								
Administrative and Business Offices				P	P			
Agricultural Sales and Services					P			
Alternative Financial Services					P			
Art Gallery				P	P			
Art Workshop	P	P	P	P	P		P	P
Automotive Rentals					P			
Automotive Repair Services					P			
Automotive Sales					P			
Automotive Washing (of any type)					P			
Bail Bond Services								
Building Maintenance Services					P			

SUN CHASE PUD LAND USE ZONING TABLE

	SINGLE FAMILY	SMALL LOT SINGLE FAMILY	MIXED RESIDENTIAL	MULTIFAMILY RESIDENTIAL	MIXED COMMERCIAL	CIVIC USES	COMMUNITY RECREATION PRIVATE	COMMUNITY RECREATION PUBLIC
COMMERCIAL USES (CONTINUED)								
Business or Trade School					P			
Business Support Services					P			
Campground					P			P
Carriage Stable								P
Cocktail Lounge					P			
Commercial Blood Plasma Center					P			
Commercial Off-Street Parking					P			
Communication Services					P			
Construction Sales and Services					P			
Consumer Convenience Services				P	P			
Consumer Repair Services				P	P			
Convenience Storage					P			
Drop-Off Recycling Collection Facility					P			
Electronic Prototype Assembly					P			
Electronic Testing								
Equipment Repair Services					P			
Equipment Sales					P			
Exterminating Services					P			
Financial Services					P			
Food Preparation					P	P	P	
Food Sales				P	P	P	P	P
Funeral Services					P			
General Retail Sales (Convenience)					P			
General Retail Sales (General)					P			
Hotel-Motel					P			
Indoor Entertainment				P	P	P	P	P
Indoor Sports and Recreation				P	P	P	P	P
Kennels					P			

SUN CHASE PUD LAND USE ZONING TABLE

	SINGLE FAMILY	SMALL LOT SINGLE FAMILY	MIXED RESIDENTIAL	MULTIFAMILY RESIDENTIAL	MIXED COMMERCIAL	CIVIC USES	COMMUNITY RECREATION PRIVATE	COMMUNITY RECREATION PUBLIC
COMMERCIAL USES (CONTINUED)								
Laundry Services					P			
Liquor Sales					P			
Marina							P	P
Medical Offices-exceeding 5000 SF gross floor area					P			
Medical Offices-not exceeding 5000 SF gross floor area				P	P			
Monument Retail Sales					P			
Off-Site Accessory Parking					P			
Outdoor Entertainment					P	P	P	P
Outdoor Sports and Recreation				P	P	P	P	P
Pawn Shop Services								
Pedicab Storage & Dispatch				P	P	P	P	P
Personal Improvement Services				P	P		P	
Personal Services				P	P			
Pet Services				P	P			
Plant Nursery					P			
Printing and Publishing					P			
Professional Office					P			
Recreational Equipment Maint.&Storage								
Recreational Equipment Sales								
Research Assembly Services					P			
Research Services					P			
Research Testing Services								
Research Warehousing Services								
Restaurant (General)					P			
Restaurant (Limited)				P	P		P	
Scrap and Salvage								
Service Station					P			

SUN CHASE PUD LAND USE ZONING TABLE

	SINGLE FAMILY	SMALL LOT SINGLE FAMILY	MIXED RESIDENTIAL	MULTIFAMILY RESIDENTIAL	MIXED COMMERCIAL	CIVIC USES	COMMUNITY RECREATION PRIVATE	COMMUNITY RECREATION PUBLIC
COMMERCIAL USES (CONTINUED)								
Software Development					P			
Special Use Historic								
Stables							P	P
Theater				P	P			
Vehicle Storage								
Veterinary Services					P			

INDUSTRIAL USES								
Basic Industry					C			
Custom Manufacturing					P			
General Warehousing and Distribution					P			
Light Manufacturing					P			
Limited Warehousing and Distribution					P			
Recycling Center								
Resource Extraction								

AGRICULTURAL USES								
Animal Production								
Community Garden	P	P	P	P	P	P	P	P
Crop Production								
Horticulture					P			
Support Housing								
Urban Farm	P	P	P	P	P	P	P	P

CIVIC USES								
Administrative Services					P	P	P	P
Amphitheater					P	P	P	P
Aviation Facilities						P	P	P
Camp							P	P

{W0670590.1}

SUN CHASE PUD LAND USE ZONING TABLE

	SINGLE FAMILY	SMALL LOT SINGLE FAMILY	MIXED RESIDENTIAL	MULTIFAMILY RESIDENTIAL	MIXED COMMERCIAL	CIVIC USES	COMMUNITY RECREATION PRIVATE	COMMUNITY RECREATION PUBLIC
CIVIC USES (CONTINUED)								
Cemetery								
Club or Lodge	P	P	P	P	P	P	P	P
College and University Facilities			P	P	P	P		
Communication Service Facilities	P	P	P	P	P	P	P	P
Community Events				P	P	P	P	P
Community Recreation (Private)	P	P	P	P	P	P	P	P
Community Recreation (Public)	P	P	P	P	P	P	P	P
Congregate Living	P	P	P	P	P			
Convalescent Services			P	P	P			
Convention Center					P	P		
Counseling Services			P	P	P	P		
Cultural Services			P	P	P	P	P	P
Day Care Services (commercial)			P	P	P			
Day Care Services (General)			P	P	P	P	P	
Day Care Services (Limited)	P	P	P	P	P	P	P	
Detention Facilities								
Employee Recreation					P	P		
Family Home	P	P	P	P	P			
Group Home, Class I (General)	P	P	P	P	P			
Group Home, Class I (Limited)	P	P	P	P	P			
Group Home, Class II				P	P			
Guidance Services								
<i>Hospital Services (General)</i>					P	P		
Hospital Services (Limited)			P	P	P	P		
Local Utility Services	P	P	P	P	P	P	P	P
Maintenance and Service Facilities					P	P		
Major Public Facilities						P		
Major Utility Facilities						P		
Military Installations								

SUN CHASE PUD LAND USE ZONING TABLE

	SINGLE FAMILY	SMALL LOT SINGLE FAMILY	MIXED RESIDENTIAL	MULTIFAMILY RESIDENTIAL	MIXED COMMERCIAL	CIVIC USES	COMMUNITY RECREATION PRIVATE	COMMUNITY RECREATION PUBLIC
CIVIC USES (CONTINUED)								
Park and Recreation Services (General)			P	P	P	P	P	P
Park and Recreation Services (Special)					P	P	P	P
Postal Facilities			P	P	P	P		
Private Primary Educational Facilities	C	C	P	P	P	P		
Private Secondary Educational Facilities	C	C	P	P	P	P		
Public Primary Educational Facilities	P	P	P	P	P	P		
Public Secondary Educational Facilities	C	C	C	P	P	P		
Railroad Facilities								
Religious Assembly	P	P	P	P	P	P	P	P
Residential Treatment								
Safety Services	P	P	P	P	P	P		
Telecommunication Tower (1)	PC	PC	PC	PC	PC	PC	PC	PC
Transitional Housing								
Transportation Terminal					P	P	P	
All other Civic Uses								

P = Permitted Use; C = Conditional Use Permit; Blank (no symbol) = Not Permitted - The following uses are prohibited in the PUD: Concrete batch plants, Poultry Processing, Diaper Services, Quarries, Sand or Gravel Operations, Mining Operations, Automotive Wrecking Yards, Junkyards, Auction yards, Stockyards, and Animal Sales (1) Subject to 25-2-839 - PC Permitted in the district, but under some circumstances may be conditional

SUN CHASE PUD LAND USE ZONING TABLE

Industrial Uses abutting a property developed with Residential Uses, a fifty (50') wide buffer zone shall be established and maintained between the Residential Uses and the following Industrial Uses:

- Basic Industry
- Custom Manufacturing
- General Warehouse & Distribution
- Light Manufacturing
- Limited Warehouse and Distribution

Improvements permitted within the buffer zone are limited to streets, access easements, driveways, parking facilities, solid fence, wall, pedestrian trails, hike and bike pathways, recreation facilities, detention and water quality, re-irrigation facilities, underground utility improvements, overhead electric or communication lines, or other improvements that may be otherwise be required by the City of Austin.

A 100-foot wide buffer zone shall be established and maintained between property developed with Residential Uses and the following Industrial Uses:

- Custom Manufacturing
- Limited Warehousing and Distribution

The 100-foot buffer zone shall be measured from the property lines for property developed with Residential Uses to a building with an industrial use.

If a portion of the property developed with Residential Uses is in the flood plain, the buffer zone shall be measured from the boundary of the flood plain within that residential lot, or from the property line for property developed with Residential Uses.

Improvements permitted within the buffer zone are limited to streets, access easements, driveways, parking facilities, solid fences, walls, pedestrian trails, hike and bike pathways, recreational facilities, detention, water quality including re-irrigation facilities, underground utility improvements, overhead electric or communication lines, or those improvements the may be required by the City of Austin.

Notwithstanding the requirements of this section, a driveway, access easement, or private street that services a building with an industrial use, may not be constructed within 50 feet of a property line or flood plain, as applicable, of a lot with Residential Uses.

SUN CHASE PUD LAND USE ZONING TABLE

A 150-foot wide buffer zone shall be established and maintained between property developed with Residential Uses and the following Industrial Uses:

- General Warehouse and Distribution
- Light Manufacturing

If a portion of the property developed with Residential Uses is in the flood plain, the buffer zone shall be measured from the boundary of the flood plain within that residential lot, or from the property line for property developed with Residential Uses.

Improvements permitted within the buffer zone are limited to streets, access easements, driveways, parking facilities, solid fences, walls, pedestrian trails, hike and bike pathways, recreational facilities, detention, water quality including re-irrigation facilities, underground utility improvements, overhead electric or communication lines, or those improvements the may be required by the City of Austin.

Notwithstanding the requirements of this section, a driveway, access easement, or private street that services a building with an industrial use, may not be constructed within 75 feet of a property line or flood plain, as applicable, of a lot with Residential Uses.

A 200-foot wide buffer zone shall be established and maintained between property developed with Residential Uses and the following Industrial Uses:

- Basic Industry

If a portion of the property developed with Residential Uses is in the flood plain, the buffer zone shall be measured from the boundary of the flood plain within that residential lot, or from the property line for property developed with Residential Uses.

Improvements permitted within the buffer zone are limited to streets, access easements, driveways, parking facilities, solid fences, walls, pedestrian trails, hike and bike pathways, recreational facilities, detention, water quality including re-irrigation facilities, underground utility improvements, overhead electric or communication lines, or those improvements the may be required by the City of Austin.

Notwithstanding the requirements of this section, a driveway, access easement, or private street that services a building with an industrial use, may not be constructed within 100 feet of a property line or flood plain, as applicable, of a lot with Residential Uses.

Sun Chase PUD - Site Development Regulations (Page 1 of 5)

Single Family - (Using SF-3 as Base District) - PUD Maximum at 5 UN/AC

Single Family Residential				
	Single Family Residential	Single Family Attached Residential	Duplex Residential Use	Two-Family Residential Use
Minimum Site Area (square feet)		7000		
Minimum Lot Size (square feet)	5,750	3,000	6,250	6,250
Minimum Lot Width	50	25	50	50
Maximum Dwelling Units/Lot	1	2 (attached)	2	2
Maximum Dwelling Units/Site		2 (attached)		
Maximum Height	35	35	35	35
Minimum Setbacks: (2)				
Front Yard	15 (1)	15 (1)	15 (1)	15 (1)
Street Side Yard	10	10	10	10
Interior Side Yard	5	5	5	5
Rear Yard	5	5	5	5
Maximum Building Coverage	50%	50%	50%	50%
Maximum Impervious Cover	55% (3)	55% (3)	55% (3)	55% (3)

(1) - Garages - for units where the garage doors face the street and the garage extends past the front face of the units' living area, the minimum front yard setback shall be 20'

(2) - A porch or stoop may project into the setback lines

(3) - Section 25-2-556 - (Additional Impervious Cover in SF-2 and SF-3 Districts) does not apply

Additional Requirements:

- Two trees at least two inches in diameter measured six inches above root flare of two different species listed in the Environmental Criteria Manual), Appendix F (Descriptive Categories of Tree Species) can be planted anywhere on the lot

For Duplex Residential:

- On a lot less than 10,000 sf, a duplex structure may not exceed 4,500 sf of gross floor area or contain more than 6 bedrooms
- On a lot of 10,000 sf or more, a duplex structure may not exceed a floor-to-area of 0.60 to 1

EXHIBIT G

Sun Chase PUD - Site Development Regulations (Page 2 of 5)
Single Family - Small Lot (Using SF-4A as Base District) - PUD Maximum at 6 UN/AC

Minimum Lot Size (square feet)	3,600
Minimum Lot Size Corner Lot (square feet)	4,500
Minimum Interior Lot Width	40 (1)
Minimum Corner Lot Width	50 (1)
Lot Widths for Lots fronting cul-de-sac	40 (1)
Maximum Dwelling Units/Lot	1
Maximum Height	35
Minimum Setbacks: (3)	
Front Yard	15 (2)
Street Side Yard	10
Interior Side Yard	3.5 (4)
Rear Yard	5 (5)
Maximum Building Coverage	55%
Maximum Impervious Cover	60% (6)

- (1) 40 feet for an interior lot, or 35 feet if access to the lot is provided by a joint access driveway at the front of the lot or by a paved alley or paved private access easement at the rear of the lot;
- (1) 50 feet for a corner lot, or 45 feet if access to the lot is provided by a joint access driveway at the front of the lot or by a paved alley or paved private access easement at the rear of the lot; and
- (1) 40 feet for a lot on a cul-de-sac or curved street, except it may be 33 feet at the front lot line
- (2) Garages - for units where the garage doors face the street and the garage extends past the front face of the units' living area, the minimum front yard setback shall be 20'
- (3) A porch or stoop may project into the setback lines
- (4) interior side yard setback is not required if the interior side yard is adjacent to property zoned SF-4A and the combined width of the interior side yards of a lot may not be less than 7 feet
- (5) Minimum rear yard setback is 5 feet excluding easements
minimum setback between a rear access easement and building or fence is 10 feet
- (6) Section 25-2-556 - (Additional Impervious Cover in SF-2 and SF-3 Districts) does not apply

Additional Requirements:

- Two off-street parking spaces are required for each dwelling unit
- Two trees at least two inches in diameter measured six inches above root flare of two different species listed in the Environmental Criteria Manual, Appendix F (Descriptive Categories of Tree Species) can be planted anywhere on the lot

Sun Chase PUD - Site Development Regulations (Page 3 of 5)
Mixed Residential (Using MF-1 as Base District) - PUD Maximum at 12 UN/AC

	Residential Detached (Yard House) (1)	Residential Attached (Row/Shop House) (1)	Residential 4 to 6 Plex (Mansion House)	Residential Multi-Family (2)
Minimum Lot Size (square feet)	2,250	1,400	9,000	8,000
Minimum Corner Lot Size (square feet)	2,700	1,750	10,000	-
Minimum Lot Width	25	20	90	0
Minimum Corner Lot Width	30	25	100	0
Maximum Dwelling Units/Lot				
Maximum Height	35	40 or 3 stories	40 or 3 stories	0
Minimum Setbacks: (3)				
Front Yard	10	10	15	15
Street Side Yard	5	5	10	0
Interior Side Yard	5	0	5	0
Rear Yard	5	5	5	0
Maximum Building Coverage				
Maximum Impervious Cover	70%	70%	70%	70%

- (1) 2,000 SF of site area is required for each dwelling unit
- (2) The minimum site area for each dwelling unit for Residential Multi-Family:
- 1,600 SF for each efficiency dwelling unit
 - 2,000 SF for each one bedroom dwelling unit
 - 2,400 SF for each dwelling unit with two or more bedrooms
- (3) A porch or stoop may project into the setback lines

GENERAL NOTES:

1. Mixed use multi-family buildings with ground level commercial use shall follow commercial site development regulations

DEFINITIONS:

Yard House - means a detached single family-resident

An accessory dwelling unit may be constricted over the garage

Row / Shop House - means an attached two or three story townhouse on its own lot

Residential 4 to 6 Plex = Mansion House - means a Structure on one lot designed to appear like a large single family residence, but that is divided into four to six units each with an individual entry

Sun Chase PUD - Site Development Regulations (Page 4 of 5)
Multi-Family Residential - MF3 Base Zoning - (PUD Maximum at 36 UN/AC)

Minimum Lot Size (square feet)	8,000
Minimum Lot Width	50
Maximum Dwelling Units/Lot	(1)
Maximum Height	40
Minimum Setbacks: (2)	
Front Yard	15
Street Side Yard	10
Interior Side Yard	5
Rear Yard	10
Maximum Building Coverage	60%
Maximum Impervious Cover	70%
Maximum Floor Area Ratio	.80:1

- (1) The minimum site area for each dwelling unit is:
- 1,000 sf, of an efficiency dwelling unit
 - 1,250 sf, for a one bedroom dwelling unit
 - 1,500 sf, for a dwelling unit with two or more bedrooms
- (2) - A porch or stoop may project into the setback lines

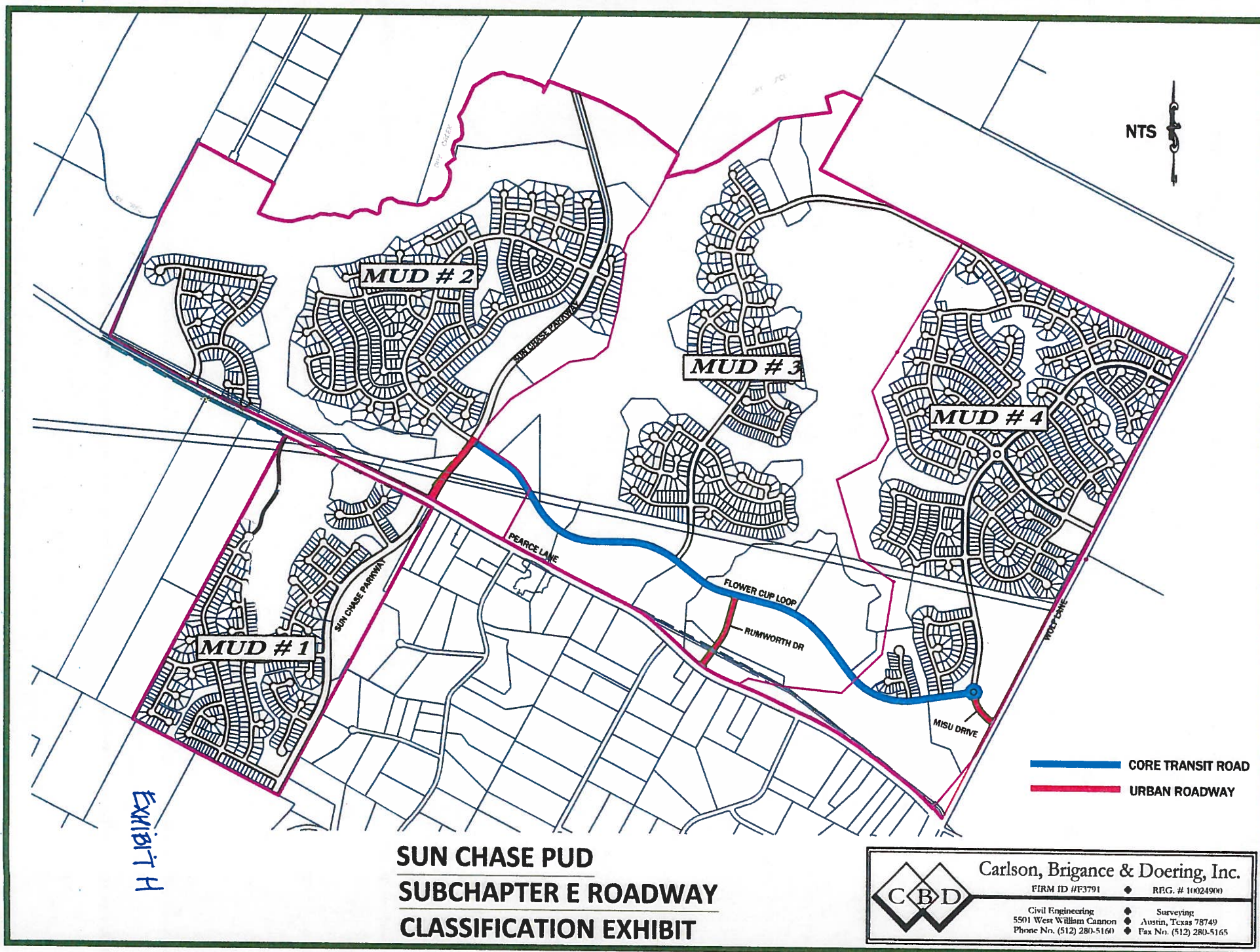
Section 25-2-567 - (Special Requirements for Affordable Housing in Certain Multifamily Districts) will be in accordance with the Consent Agreements for Southeast Travis County Municipal Utility Districts No(s) . 1, 2, 3, and 4 . Corresponding Case and Ordinance numbers are as follows:

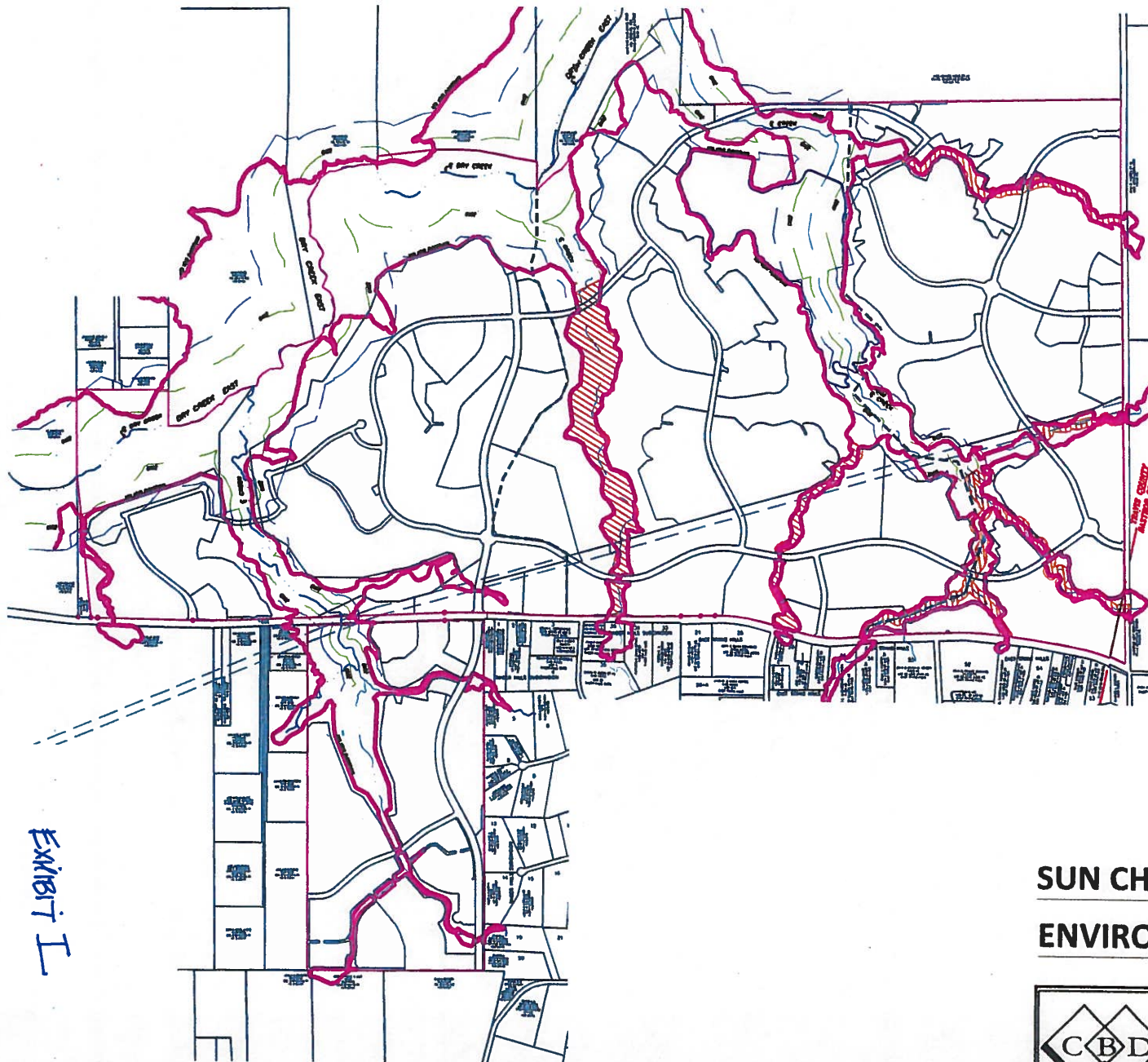
<u>Case Number</u>	<u>Ordinance Number</u>
C12M-2011-0003	20120322-036
C12M-2011-0004	20120322-037
C12M-2011-0005	20120322-038
C12M-2011-0006	20120322-039

Sun Chase PUD - Site Development Regulations (Page 5 of 5)

Mixed Commercial - GR Base Zoning

	Mixed Commercial	Civic	Community Recreation (Private)	Community Recreation (Public)
Minimum Lot Size (square feet)	5,570	2,500	2,500	2,500
Minimum Lot Width	50	30	25	25
Maximum Height	60	40 FT or 3 stories	60	35
Minimum Setbacks:				
Front Yard	10	10	5	5
Street Side Yard	10	10	5	5
Interior Side Yard	-	-	-	-
Rear Yard	-	-	-	-
Maximum Building Coverage	70%	70%	65%	50%
Maximum Impervious Cover	85%	85%	75%	50%
Maximum Floor Area Ratio	1:1	1:1	1:1	.05:1





SCALE: 1"=1700'

GRAPHIC SCALE
0 500 1000 1500
(IN FEET)

LEGEND

- W.Q.T.Z. = 140.81 AC.
- C.W.Q.Z. = 162.09 AC.
- FULLY DEVELOPED 100 YEAR FLOODPLAIN = 284.00 AC.
- UNCLASSIFIED WATERWAYS WITH BUFFER PER S.E. TRAVIS COUNTY M.U.D. 1, 2, 3 AND 4 CONSENT AGREEMENTS

SUN CHASE PUD ENVIRONMENTAL EXHIBIT

Carlson, Brigrance & Doering, Inc.
FIRM ID #F3791 REG. # 10024900

Civil Engineering 5501 West William Cannon Phone No. (512) 280-5160

Surveying Austin, Texas 78749 Fax No. (512) 280-5165

EXHIBIT J

Stormwater, Drainage and Water Quality and Environmental Protection Requirements

1. The District will own, operate, and maintain the District's drainage infrastructure until full-purpose annexation of the District by the City.
2. Each water quality or detention pond which contains all or a portion of runoff water from industrial, commercial, or mixed-use development (as defined by the City) will be owned, operated, and maintained by the District or the owner of the property on which the pond is located.
3. The Developer and the District each agree to fully comply with the City's ordinances, regulations, and procedures related to drainage, as defined by the City Code. The Developer's construction plans will be consistent with this commitment.
4. The District and the Developer each agree to be good stewards of the environment relating to air quality, water quality, trees, buffer zones and greenbelt areas, critical environmental features, soils, waterways, topography, and the natural and traditional character of the land located within the District.
5. Unless otherwise specified herein or as modified by the PUD, the District and Developer each agree to fully comply with the City's ordinances, regulations, and procedures related to water quality and environmental preservation and protection, as defined by the City Code, as to the portion of the Land owned by it.
6. In all phases of development, the Developer agrees to:
 - a. except for Land contained within the Sun Chase South Preliminary Plan (C8J-2008-0176), design modified channels based on geomorphic stability for full build-out hydrology. This design requires a series of nested channels as shown on **Exhibit J-1** that includes a bankfull (1 yr. return interval) channel within the floodplain (100 yr) channel with distinct connections to an inset floodplain terrace. The top width to depth ratio of the bankfull channel shall be designed per accepted geomorphic principles (e.g., Osterkamp et al. 1983 or Osborn and Stypula 1987). The channel longitudinal profile (slope) shall be designed and demonstrated by calculation to be non-erosive via permissible shear or velocity calculations that consider the particle size of the native soil comprising the channel. If topographic and/or development constraints make the design of a non-erosive natural channel infeasible, the use of armoring (such as with geotextiles) will be allowed.
 - b. restore floodplain, including through the use of native prairie grass species and riparian trees species, in order to provide an enhanced public amenity, minimize impacts of urbanization, and reduce costs of future, long-term maintenance of the floodplain;
 - c. provide water quality controls superior to those otherwise required by Austin City Code for those areas set forth on the attached **Exhibit J-2** (Proposed Bio-Filtration Ponds) and **Exhibit J-3** (Headwater Buffer Plan);
 - d. provide volumetric flood control detention in accordance with the volumetric detention analysis prepared by Carlson Brigance & Doering, Inc. dated October 24, 2011, which has been reviewed and approved by the City;

d. provide protection of headwaters of unclassified waterways for those areas depicted on the attached **Exhibit J-3** (Headwater Buffer Plan);

e. prohibit, through Restrictive Covenants, the uses listed on **Exhibit J-4** which the City and the Developer agree may contribute to air or water quality pollutants; and

f. cluster impervious and disturbed areas in an environmentally sensitive manner as approved by the City in conjunction with its review and approval of the Preliminary Plans.

7. The District (as to the portion of the Land owned by the District) and the Developer (as to the portion of the Land owned by the Developer) each agrees to comply with the integrated pest management plan approved by the City in conjunction with the Approved Preliminary Plans.

8. The Developer agrees to provide pervious paving for all pedestrian sidewalks, trails and walkways included in the OA Amenities.

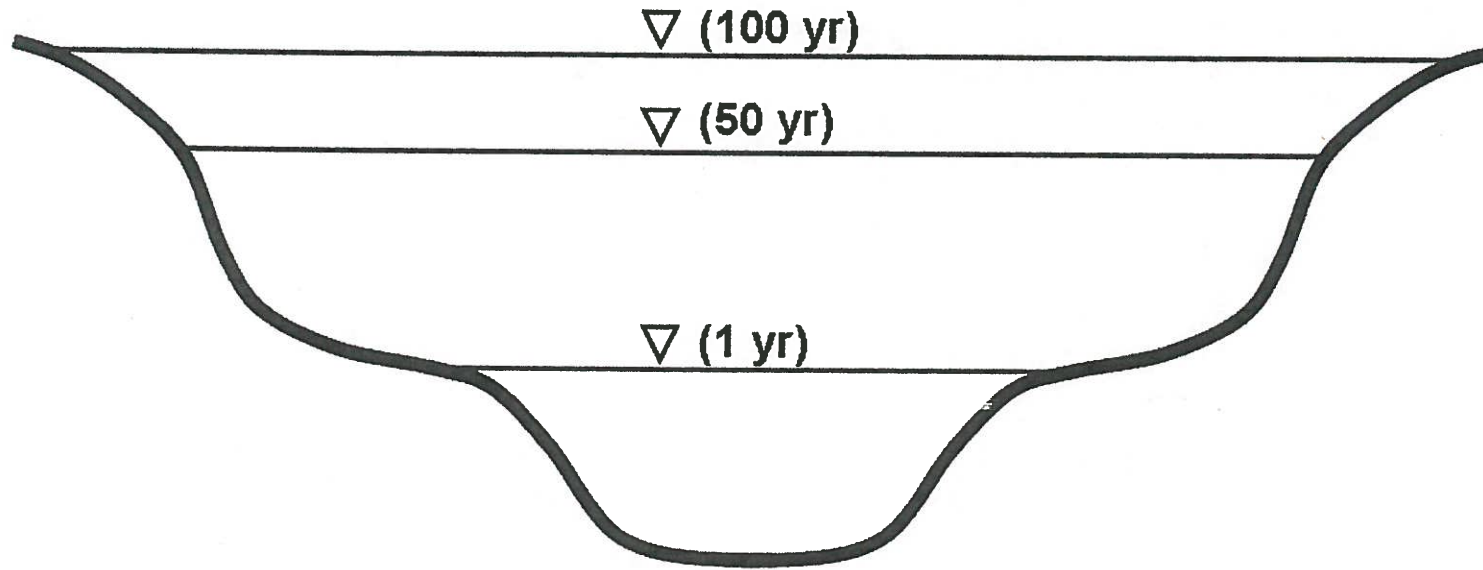
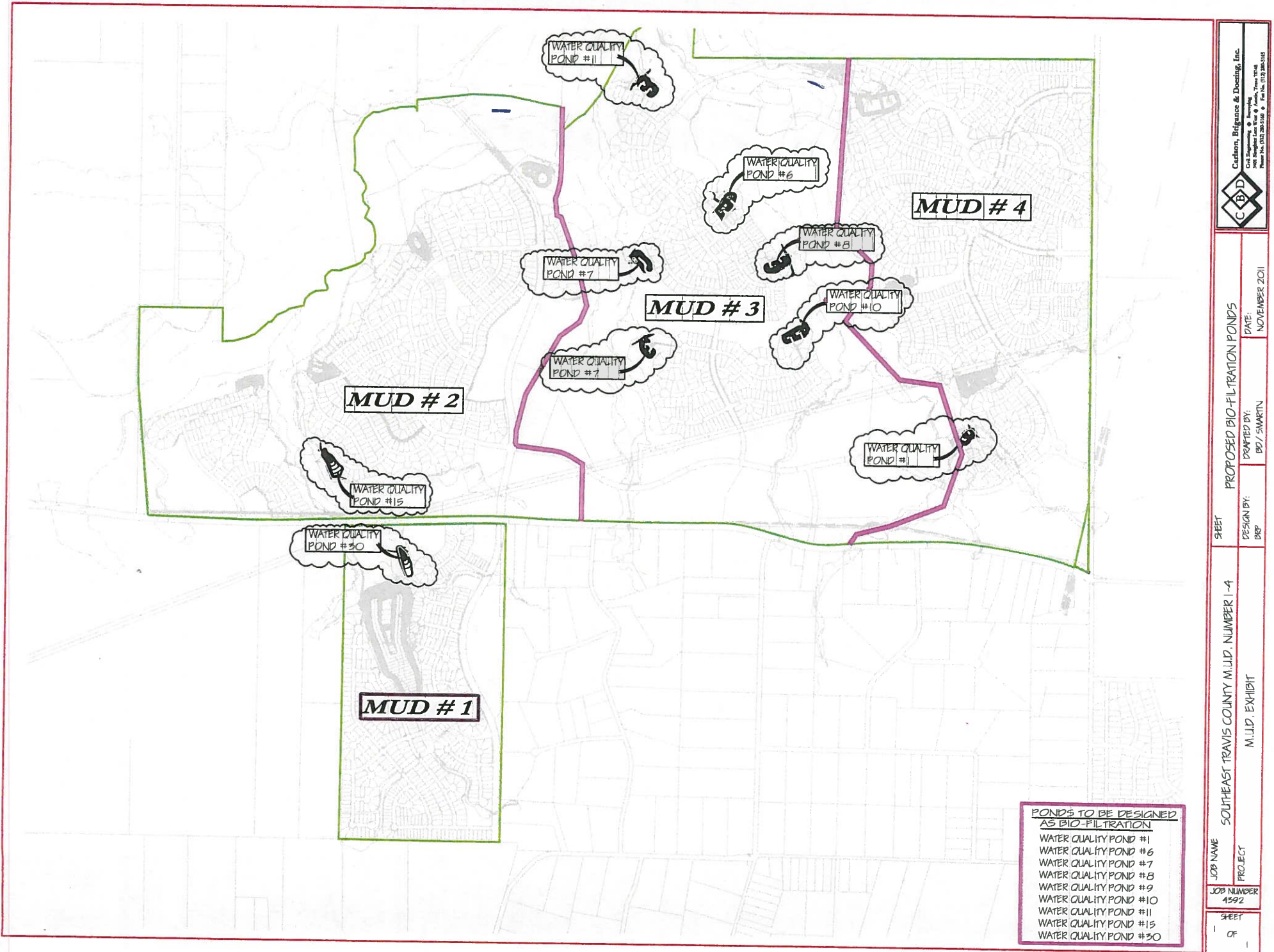


Figure __. Typical modified channel cross-section. Designer shall ensure channel longitudinal slope meets non-erosive permissible shear requirements.



Southeast Travis County MUDs 1-4
PROPOSED - Prohibited Land Uses:

Basic Industry – Prohibited Land Uses limited to:

Concrete batch plants
Poultry Processing

Laundry Services – Prohibited Land Uses limited to:

Diaper services

Resource Extraction – Prohibited Land Uses limited to:

Quarries
Sand or gravel operations
Mining Operations

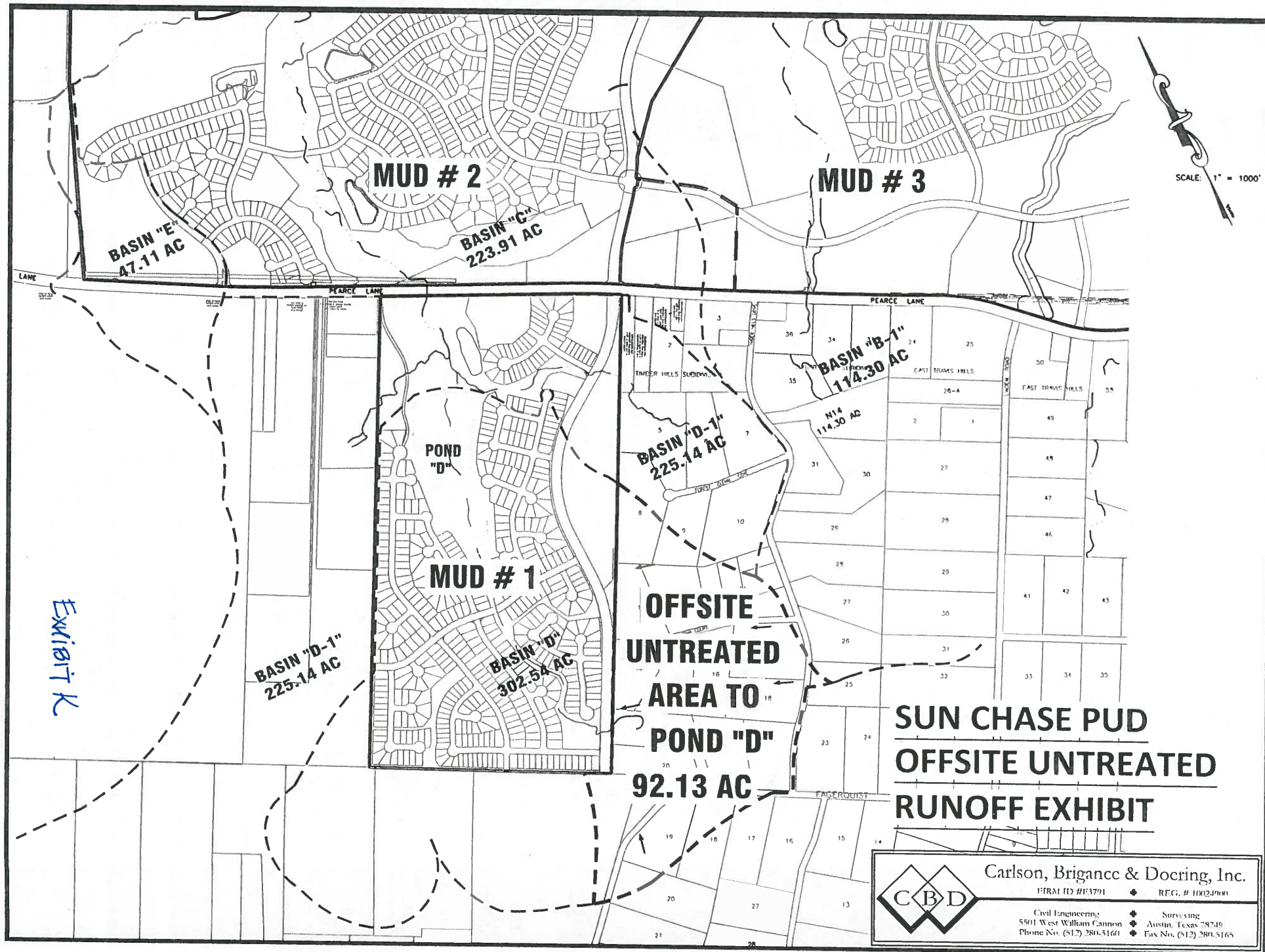
Scrap and Salvage Services – Prohibited Land Uses limited to:

Automotive wrecking yards
Junkyards
Auction yards

Stockyards – Prohibited land uses limited to:

Stockyards
Animal sales
Auction yards

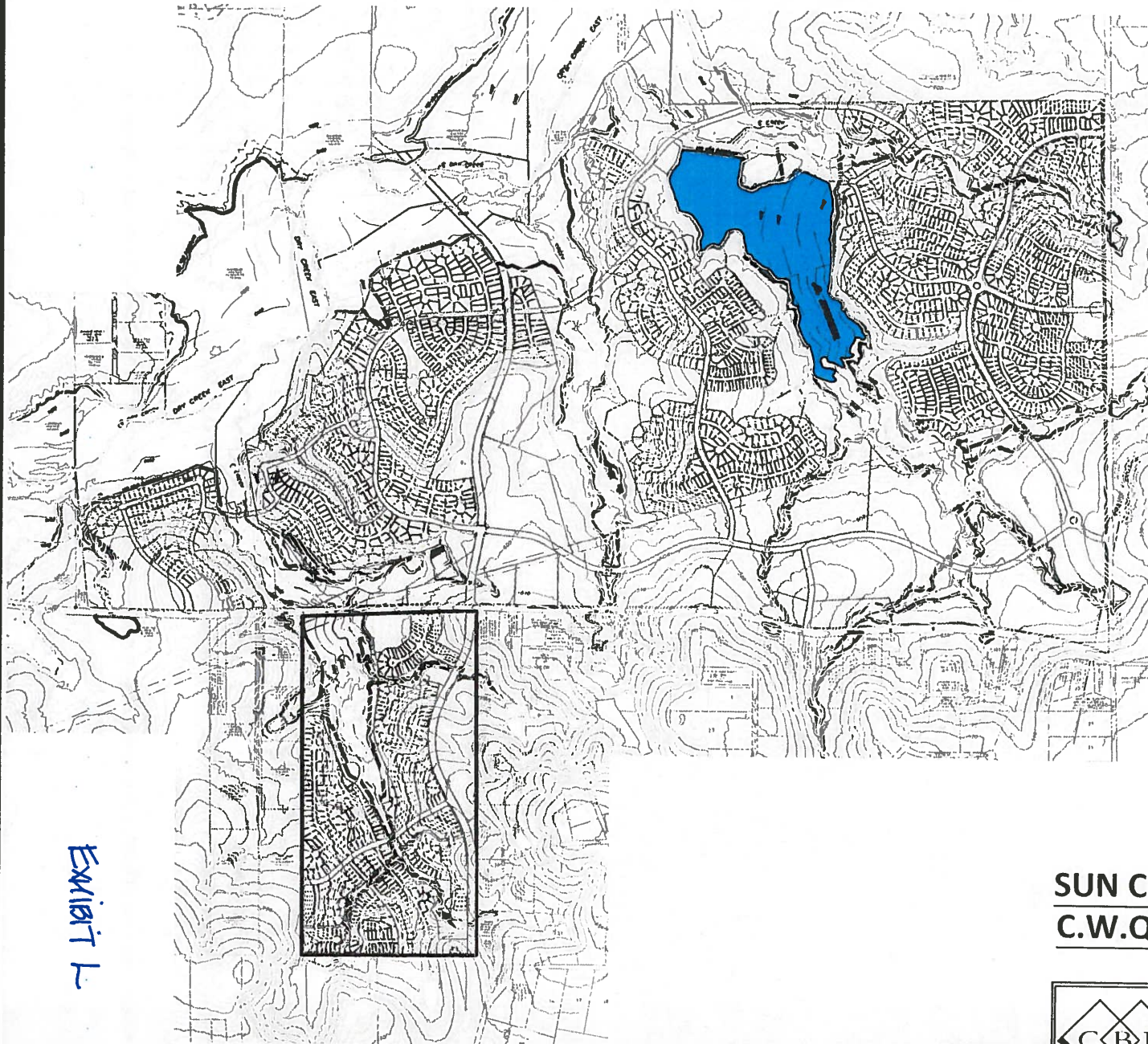
SETC MUDs Proposed Prohibited Land Uses 11.11.2011.docx



Carlson, Brigrance & Doering, Inc.
FIRM ID #E3791 ♦ REG. # 110029000

Civil Engineering ♦ Surveying
5501 West William Cannon ♦ Austin, Texas 78749
Phone No. (512) 280.5160 ♦ Fax No. (512) 280.5165

CBD



SCALE: 1"=1700'

GRAPHIC SCALE
0 500 1000 1500
(IN FEET)

LEGEND



DETENTION POND A
LOCATED IN C.W.Q.Z.

Exhibit 1

SUN CHASE PUD C.W.Q.Z. DETENTION POND A

1 OF 2



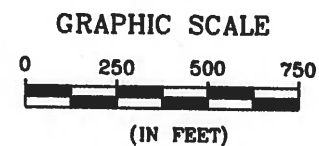
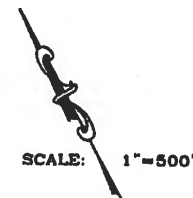
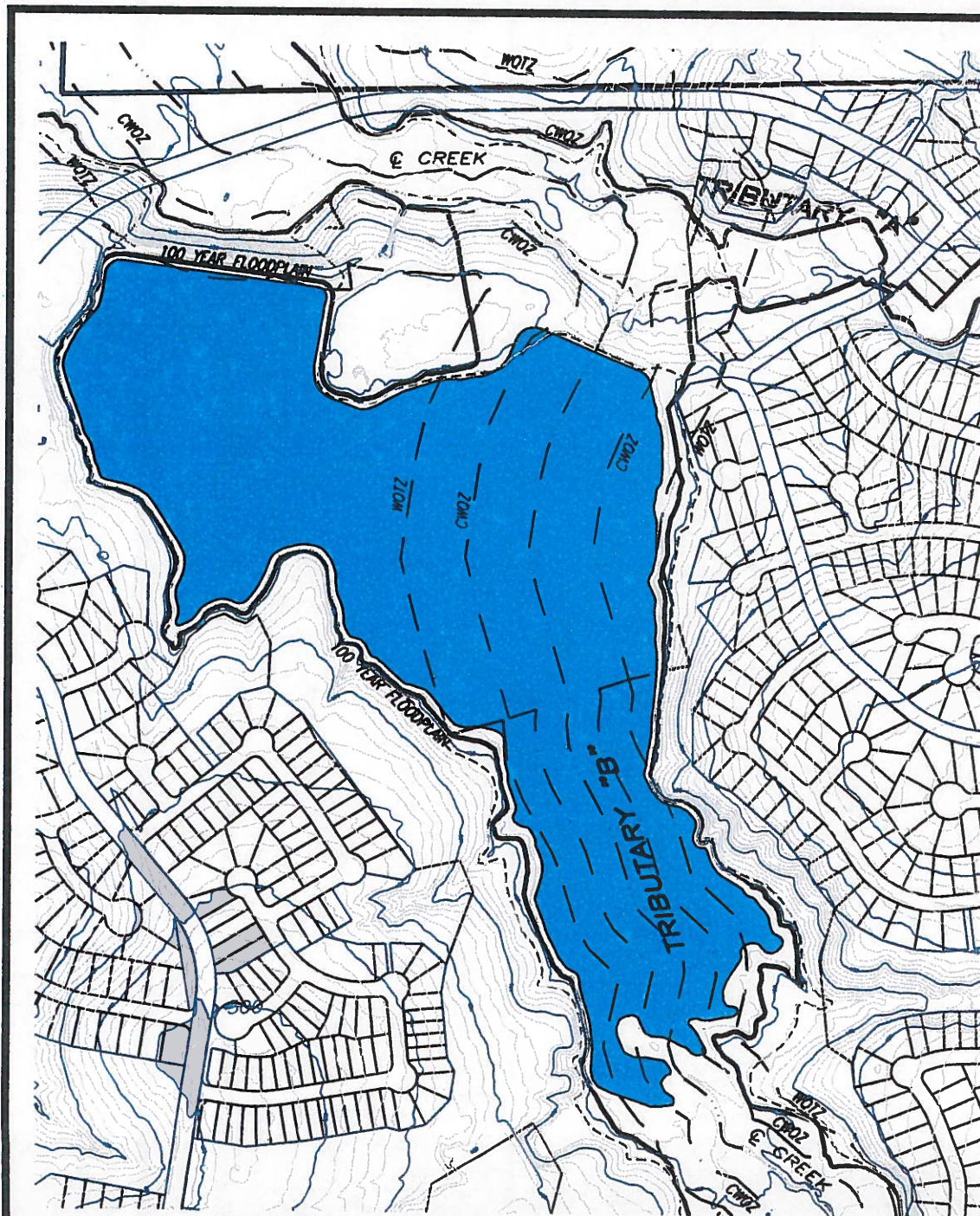
Carlson, Brigrance & Doering, Inc.

FIRM ID: HB3791

REG. # 10024900

Civil Engineering
5501 West William Cannon
Phone No. (512) 280-5160

Surveying
Austin, Texas 78749
Fax No. (512) 280-5165



LEGEND



DETENTION POND A
LOCATED IN C.W.Q.Z.

SUN CHASE PUD C.W.Q.Z. DETENTION POND A

2 OF 2

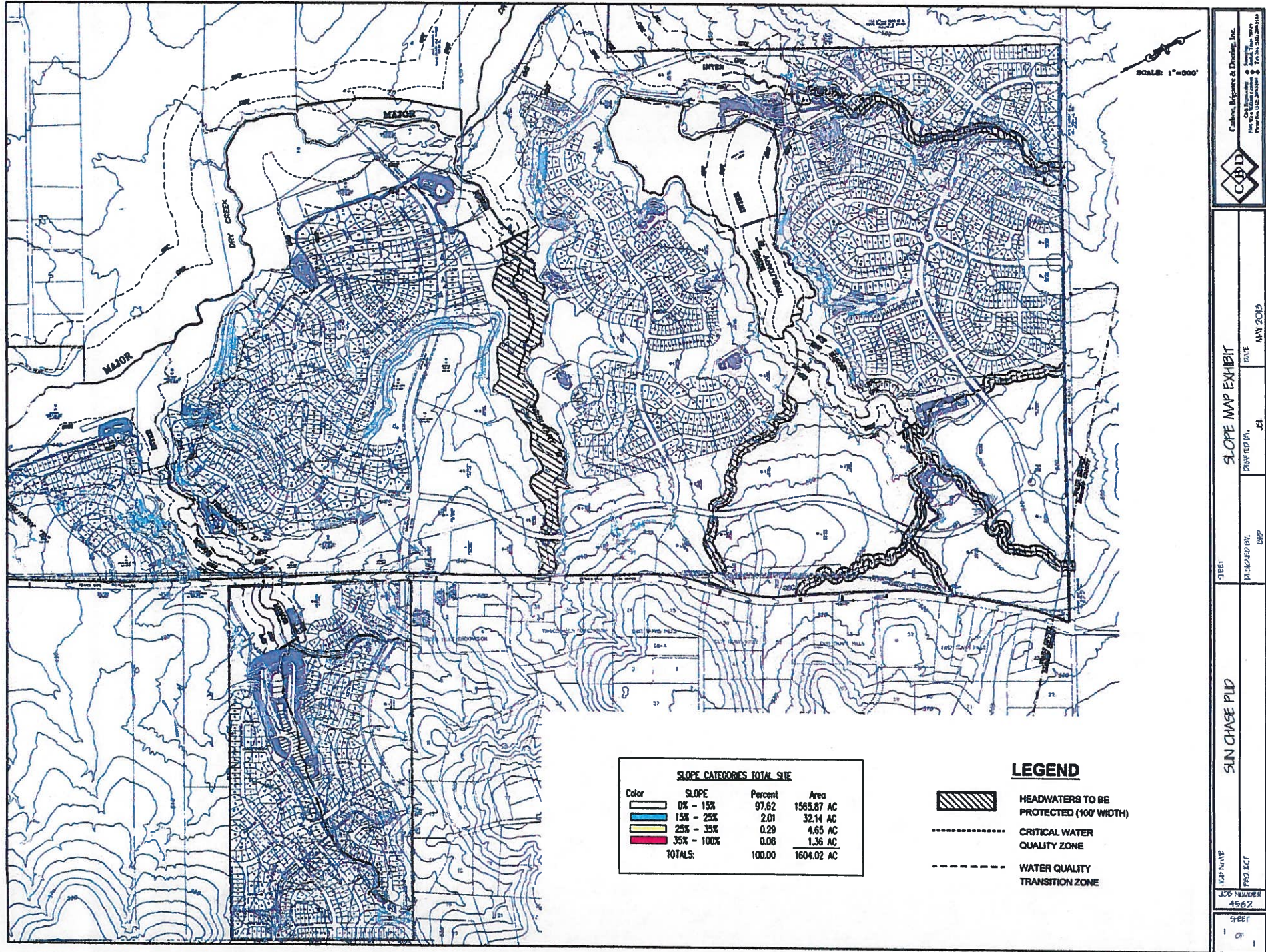
Carlson, Brigrance & Doering, Inc.

FIRM ID #F3791 ♦ REG. # 10024900

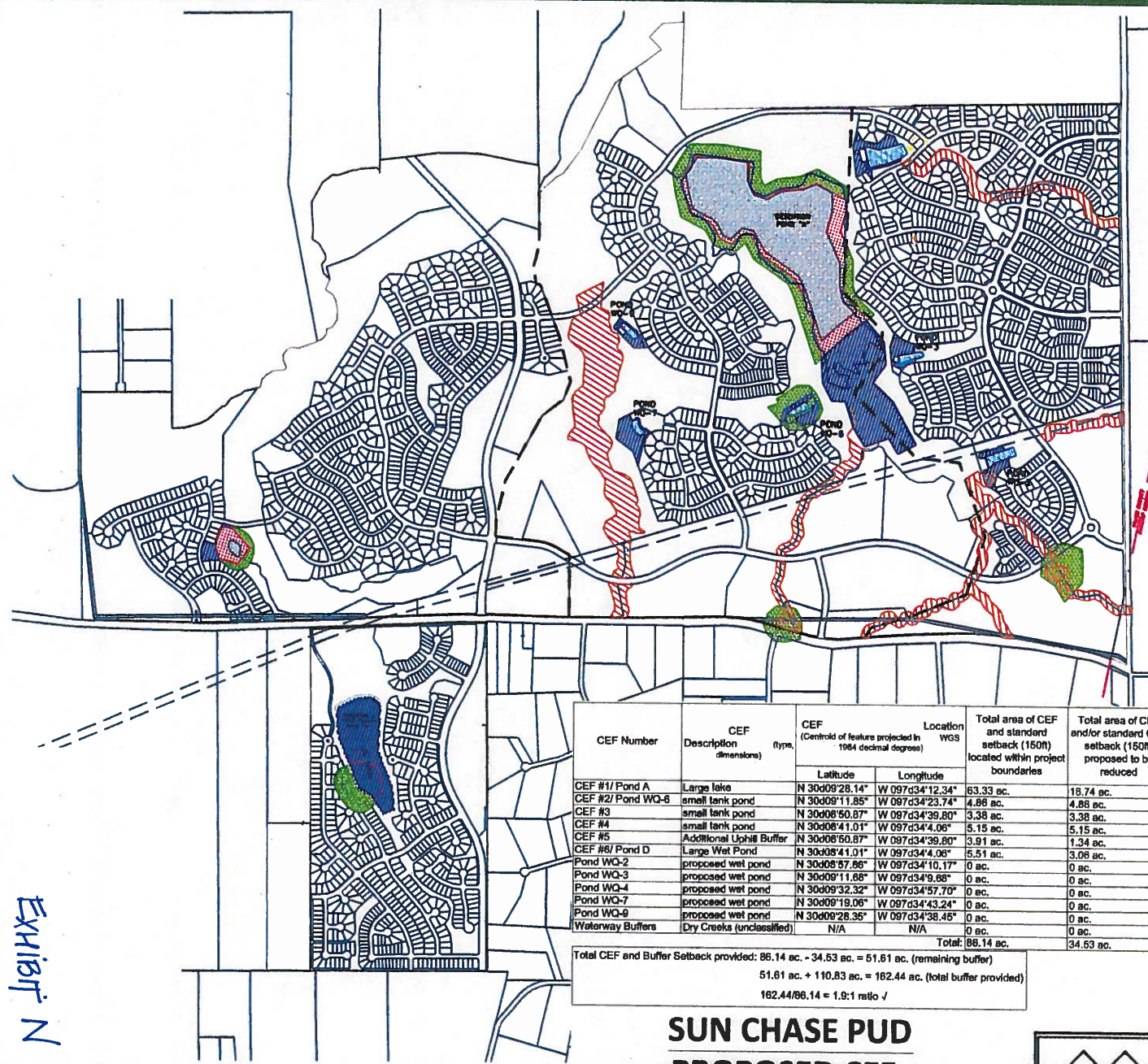
Civil Engineering
5501 West William Cannon
Phone No. (512) 280-5160

Surveying
Austin, Texas 78749
Fax No. (512) 280-5165

Exhibit M



SUN CHASE PUD		SLOPE MAP EXHIBIT	
DATE	10/1/15	DATE	10/1/15
BY	JD	BY	JD
PROJECT	4562	PROJECT	4562
Caldwell, Bergman & Diering, Inc.		Caldwell, Bergman & Diering, Inc.	
1000 S. 10th St., Suite 100, Anchorage, AK 99501		1000 S. 10th St., Suite 100, Anchorage, AK 99501	
Phone: 907.562.1234		Phone: 907.562.1234	
Fax: 907.562.1234		Fax: 907.562.1234	



SCALE: 1"=1700'

LEGEND

	CRITICAL ENVIRONMENTAL FEATURE
	ADDED ENVIRONMENTAL FEATURE (NET POND)
	REMOVING OF 150 FOOT SETBACK FROM CRITICAL ENVIRONMENTAL FEATURE
	AREA REMOVED
	AREA ADDED
	ADDED WATERWAY BUFFERS

CEF Number	CEF Description (dimensions)	CEF (type)	CEF (Centroid of feature projected in 1984 decimal degrees)		Total area of CEF and standard setback (150ft) located within project boundaries	Total area of CEF and/or standard CEF setback (150ft) proposed to be reduced	Total area of CEF setback provided as mitigation:
			Latitude	Longitude			
CEF #1/ Pond A	Large lake		N 30d09'28.14"	W 097d34'12.34"	63.33 ac.	16.74 ac.	16.97 ac.
CEF #2/ Pond WQ-6	small tank pond		N 30d09'11.85"	W 097d34'23.74"	4.86 ac.	4.86 ac.	1.82 ac.
CEF #3	small tank pond		N 30d08'50.87"	W 097d34'39.80"	3.38 ac.	3.38 ac.	0 ac.
CEF #4	small tank pond		N 30d08'54.01"	W 097d34'4.06"	5.15 ac.	5.15 ac.	0 ac.
CEF #5	Additional Upland Buffer		N 30d08'50.87"	W 097d34'39.80"	3.91 ac.	1.34 ac.	3.46 ac.
CEF #6/ Pond D	Large Wet Pond		N 30d08'41.01"	W 097d34'4.06"	5.51 ac.	3.06 ac.	12.59 ac.
Pond WQ-2	proposed wet pond		N 30d08'57.86"	W 097d34'10.17"	0 ac.	0 ac.	2.26 ac.
Pond WQ-3	proposed wet pond		N 30d09'11.88"	W 097d34'19.68"	0 ac.	0 ac.	1.84 ac.
Pond WQ-4	proposed wet pond		N 30d09'32.32"	W 097d34'57.70"	0 ac.	0 ac.	4.06 ac.
Pond WQ-7	proposed wet pond		N 30d09'19.06"	W 097d34'43.24"	0 ac.	0 ac.	2.81 ac.
Pond WQ-9	proposed wet pond		N 30d09'28.35"	W 097d34'38.46"	0 ac.	0 ac.	1.47 ac.
Waterway Buffers	Dry Creeks (unclassified)		N/A	N/A	0 ac.	0 ac.	63.55 ac.
					Total: 86.14 ac.	34.53 ac.	110.83 ac.

Total CEF and Buffer Setback provided: 86.14 ac. - 34.53 ac. = 51.61 ac. (remaining buffer)
 51.61 ac. + 110.83 ac. = 162.44 ac. (total buffer provided)
 162.44/86.14 = 1.9:1 ratio ✓

SUN CHASE PUD PROPOSED CEF MITIGATION EXHIBIT



Carlson, Brigrance & Doering, Inc.

FIRM ID #F3791 ♦ REG. # 10024900

Civil Engineering ♦ Surveying
 5501 West William Cannon ♦ Austin, Texas 78749
 Phone No. (512) 280-5160 ♦ Fax No. (512) 280-5165

Exhibit N

SUN CHASE PUD TRANSPORTATION REQUIREMENTS

Transportation Requirements

1. The Developer agrees to provide for appropriate connectivity to areas adjacent to the Project as shown on the attached **Exhibit H-1** (Connectivity).
2. The Developer also agrees to do the following:
 - a. dedicate right-of-way for Pearce Lane, Wolf Lane and Sun Chase Parkway (Arterial C/Four Daughters under the CAMPO 2030 Plan) in accordance with the Phasing Agreement between the Developer and Travis County approved in conjunction with the approval of the Preliminary Plans;
 - b. fund the construction of improvements to Sun Chase Parkway (Arterial C/Four Daughters under the CAMPO 2030 Plan) and improvements to intersections of internal roadways with Pearce and Wolf Lanes in accordance with the Phasing Agreement between the Developer and Travis County, Texas recorded under Document No. 2010040073, Official Public Records of Travis County, Texas, approved in conjunction with the approval of the Preliminary Plans;
 - c. provide bicycle facilities and access for pedestrians and bicyclists to schools, parks and other destinations as shown on the attached **Exhibit H-2** (Trail & Accessibility);
 - d include sidewalks and bike lanes (i) generally meeting the design specifications established for typical arterial and collector street cross-sections under the City's Transportation Criteria Manual and (ii) generally complying with National Association of City Transportation Officials ("NACTO") and American Association of State Highway and Transportation Officials ("AASHTO") standards, including signage and markings, but not including signalization, as follows:
 1. for arterial streets, five-foot bike lanes and six-foot sidewalks;
 2. for residential collector roads (60/40), five-foot designated bike lanes on either side of the two 13-15 foot driving lanes, for a total of 40-44 feet of pavement, and five-foot sidewalks;
 3. for neighborhood collector roads (64/44), five-foot bike lanes segregated by pavement striping located two feet from the two 13-15 foot driving lanes, for a total of 40-44 feet of pavement, and five-foot sidewalks;
 4. for commercial collector roads (70/44), five-foot bike lanes on either side of the three 11-foot driving lanes (consisting of two traffic lanes with a continuous left-turn lane), for a total of 43-44 feet of pavement, and sidewalks as designated by the Commercial Design Standards, Subchapter E;
 5. for local streets, four foot sidewalks only.

All applicable requirements will be shown on the construction plans, which are subject to the City's and the County's approval under Title 30.

3. To reserve a ten-acre transit center site at a location to be mutually agreed upon by the Developer and the City during the PUD process. This site may be purchased by the City or, at the City's option, another governmental entity designated by the City by written notice to the Developer at any time prior to the date the first of the District or one of the Other Southeast Travis County Districts is annexed for full purposes by the City.

SUN CHASE PUD TRANSPORTATION REQUIREMENTS

4. During the development of the Project, to maintain an on-going dialogue with Capital Metropolitan Transit Authority and any other mass transit service provider regarding mass transit service options and transportation issues.

NTS

PEDESTRIAN ACCESS

PEDESTRIAN ACCESS

PEDESTRIAN ACCESS

MUD # 2

MUD # 3

MUD # 4

MUD # 1

FIRE ACCESS 25'
PER CODE

PEDESTRIAN ACCESS

SUN CHASE PUD CONNECTIVITY EXHIBIT

Exhibit P

— ACCESS

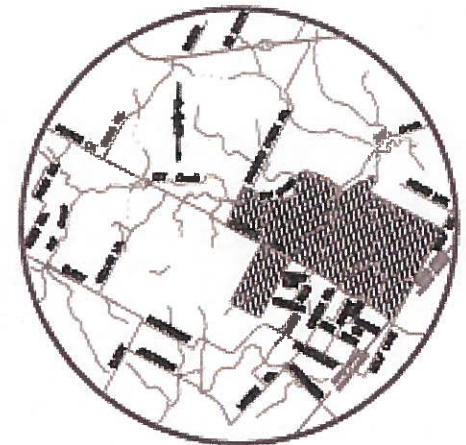
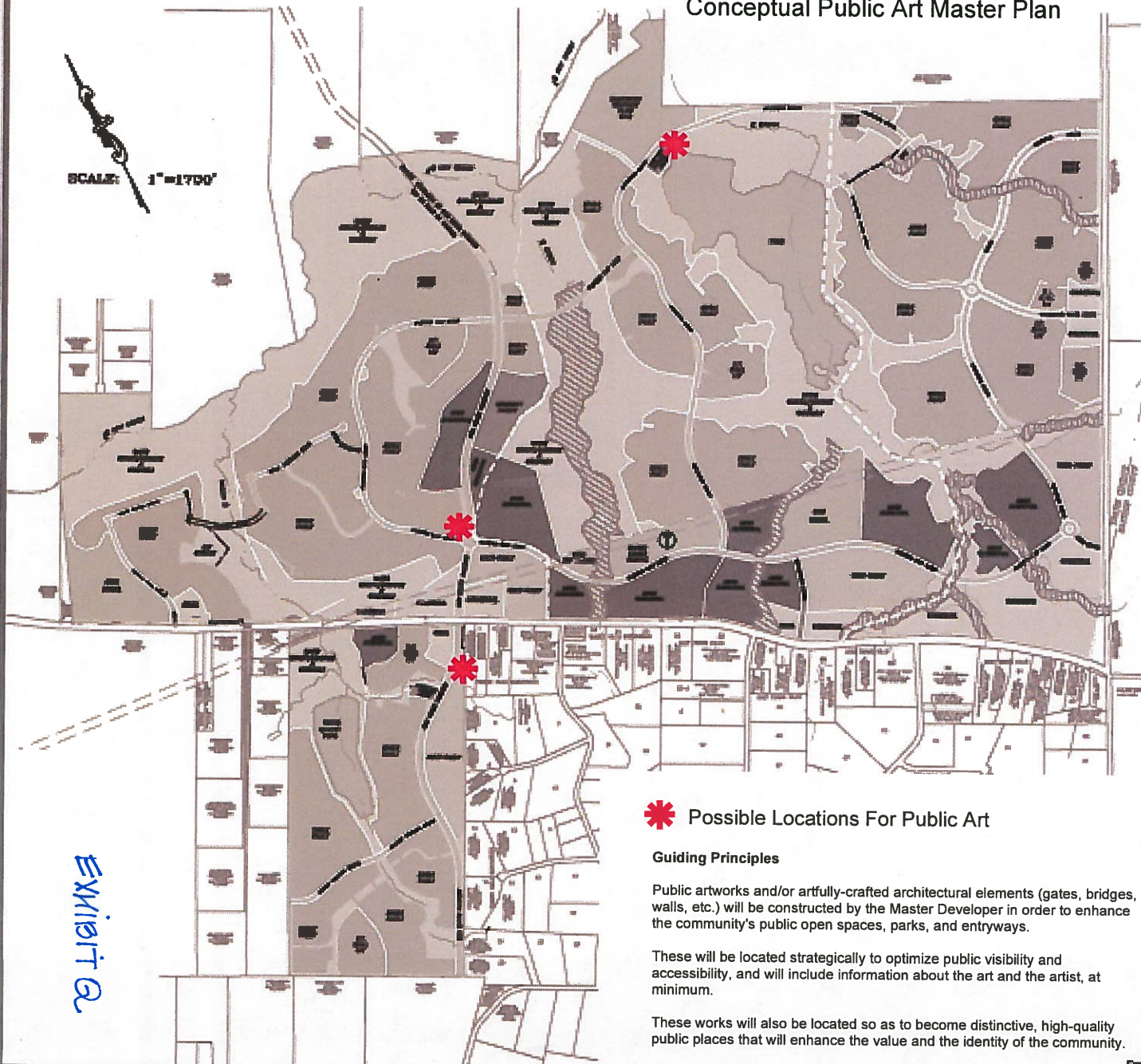


Carlson, Brigrance & Doering, Inc.
FIRM ID #P3791 REG. # 10024900
Civil Engineering Surveying
5501 West William Cannon Austin, Texas 78749
Phone No. (512) 280-5160 Fax No. (512) 280-5165

SUN CHASE PUD

Conceptual Public Art Master Plan

SCALE: 1"=1700'



LOCATION MAP

Scale: 1" = 1000'

GRAPHIC SCALE



(IN FEET)

Legend	LAND USE	CHALLENGE	CHALLENGE	CHALLENGE
	Single Family	241 MHA	227,200	241
	Single Family - Attached	2,400,000	240,000	240
	Mixed Residential	12 MHA	127,200	127
	Mixed Residential - Attached	20 MHA	207,200	207
	Mixed Commercial	200 MHA	200,000	200
	Park		24,000	24
	Community Recreation Facility		21,000	21
	Community Recreation Facility - Open Space		21,000	21
	Future Transit		200,000	200

Unincorporated Areas
with 2000 U.S. Census

County of Clark, 2, 3, 4 and 5
Consent Agreements

Possible Locations For Public Art

Guiding Principles

Public artworks and/or artfully-crafted architectural elements (gates, bridges, walls, etc.) will be constructed by the Master Developer in order to enhance the community's public open spaces, parks, and entryways.

These will be located strategically to optimize public visibility and accessibility, and will include information about the art and the artist, at minimum.

These works will also be located so as to become distinctive, high-quality public places that will enhance the value and the identity of the community.



C&D Engineering & Design, Inc.
Civil Engineering Surveying
1001 W. 10th Street, Suite 1000
Tulsa, OK 74103-1000
Phone: 918-438-1000 Fax: 918-438-1001

Case File# C&D-2012-012

EXHIBIT 2



ENVIRONMENTAL COMMISSION MOTION 20151216 007a

Date: December 16, 2015

Subject: Sun Chase PUD C814-2012-0163

Motion By: Hank Smith

Second By: Mary Ann Neely

RATIONALE:

Whereas, the Sun Chase Municipal Utility Districts (MUD) were approved by the City of Austin in March 2012 and as part of the MUD Consent Agreements the developer agreed to annex the property into the City of Austin and at the City's request agreed to prepare a Planned Unit Development (PUD) for the project; and

Whereas, staff has concluded that they could support the PUD with certain modifications.

Therefore, the Environmental Commission recommends support of the request for the Sun Chase PUD C814-2012-0163 with the following staff conditions:

The proposed code modification to Section 30-2-62 shall be revised as follows: "The previously approved preliminary plans for Sun Chase South, Sun Chase Phase I, and Sun Chase Phase 2 shall expire 15 years after their approval date."

VOTE 10-0-0-1

Recuse: None

For: Thompson, Neely, Maceo, Maxwell, Perales, B. Smith, Grayum, H. Smith, Creel, Moya

Against: None

Abstain: None

Absent: Gooch

Approved By:

Mary Gay Maxwell, Environmental Commission Chair



ITEM FOR ENVIRONMENTAL COMMISSION AGENDA

MEETING DATE REQUESTED: December 16, 2015

NAME & NUMBER OF PROJECT: Sun Chase Planned Unit Development
C814-2012-0163

OWNER: Qualico CR, L.P. (Vera Massaro)

AGENT: Armbrust & Brown, L.L.P. (Richard Suttle)

LOCATION: 15201, 15810, 16070 Pearce Lane and 7910 Wolf Lane

PROJECT FILING DATE: December 21, 2012

DSD/ENVIRONMENTAL STAFF: Jim Dymkowski, 974-2707
james.dymkowski@austintexas.gov

PZD/CASE MANAGER: Wendy Rhoades, 974-7719
wendy.rhoades@austintexas.gov

WATERSHED: Dry Creek East Watershed (Suburban)
Desired Development Zone

ORDINANCE: Watershed Protection Ordinance (current Code)

REQUEST: Review and consider for recommendation the environmental aspects of the proposed Planned Unit Development (PUD), including code modifications and environmental superiority.

STAFF RECOMMENDATIONS: Recommend for approval with the condition that environmental superiority is met.

REASONS FOR RECOMMENDATION: The proposed PUD is not environmentally superior to development that could otherwise be built under current applicable regulations.



MEMORANDUM

TO: Mary Gay Maxwell, Chair, and Members of the Environmental Commission

FROM: Chuck Lesniak, Environmental Officer
Watershed Protection Department

DATE: December 11, 2015

SUBJECT: Sun Chase Planned Unit Development – C814-2012-0163 – Update 1

This summary is being provided to the Environmental Commission as a supplement to the Planning and Zoning Department analysis for the Sun Chase Planned Unit Development (PUD). This memo provides an overview of the property's environmental features, the requested modifications to environmental code requirements, and the elements of the project that provide environmental superiority.

In the initial memo to the Environmental Commission, dated November 16, 2015, staff recommended that the project incorporate two conditions in order to achieve environmental superiority. Staff and the applicant have reached agreement on two out of the three issues addressed in the conditions. Staff now requests that the project meet one condition, as described on page seven. If the project meets the requested condition, staff would find that the proposed development will be sufficiently environmentally superior to what could be built without the PUD to meet the intent of City code.

Description of Property

The Sun Chase PUD consists of approximately 1,604 acres of undeveloped land located east of SH 130 near Wolf Lane, Pearce Lane, and Navarro Creek Road (see Attachment A – Location Map). The PUD area is comprised of four municipal utility districts (MUDs), which were approved by the City Council in March 2012. As part of the MUD Consent Agreements, the developer agreed to annex the property into the City's limited purpose zoning jurisdiction and prepare a PUD for the project.

The Sun Chase PUD is located in the Dry Creek East watershed, which is classified as Suburban and is within the Desired Development Zone. The PUD is not within the Edwards Aquifer recharge or contributing zones. The property contains numerous unclassified, minor,

intermediate, and major waterways.¹ The waterways include Dry Creek East on the northern boundary of the PUD, flowing west to east, and three tributaries to Dry Creek East located in the western, central, and eastern portions of the PUD, flowing south to north (see Attachment B – Environmental Features Map).

Existing Topography/Soil Characteristics/Vegetation

The PUD site is currently undeveloped and has historically been used for agriculture. The topography is gently rolling, with elevations ranging from approximately 425 to 550 feet above mean sea level. Slopes range between 0 and 15 percent on approximately 99 percent of the property. There are approximately 15 acres of slopes between 15 and 25 percent, 2 acres of slopes between 25 and 35 percent, and 0.2 acres of slopes greater than 35 percent. The property has predominately clayey soils.

Vegetation on the site includes cedar elm, American elm, Ashe juniper, mesquite, hackberry, honey locust, common sunflower, giant ragweed, Texas croton, greenbriar, Indian sea-oats, and johnsongrass (see Attachment B – Environmental Features Map for an aerial image of the property).

Critical Environmental Features

Six wetland critical environmental features (CEFs) have been identified on the PUD site, including a lake, a large wet pond, and several small ponds. The PUD will comply with the current code requirement to provide a 150-foot buffer zone around all CEFs, unless modified or mitigated pursuant to LDC Section 25-8-282, Wetland Protection.²

Water/Wastewater

Water and wastewater service will be provided by the City of Austin, pursuant to the MUD Consent Agreements. According to an Environmental Assessment (EA) prepared in 2013, the Texas Water Development Board database reported one water well on the PUD site. No wells were observed during the EA field investigation.

Description of Project

The proposed project is primarily residential in nature and includes the following development:

- ~667 acres of single family residential development;
- ~117 acres of mixed residential development;
- ~64 acres of multi-family residential development;
- ~153 acres of commercial, civic, and private recreation development; and
- ~602 acres of parks and open space.

¹ Per LDC Section 25-8-91, a minor waterway has a drainage area of 64 to 320 acres, an intermediate waterway has a drainage area of 320 to 640 acres, and a major waterway has a drainage area greater than 640 acres. Waterways with a drainage area smaller than 64 acres are unclassified.

² In 2009 and 2010, the City and Travis County approved three preliminary plans that encompass the entire PUD property (case numbers C8J-2008-0176, C8J-2008-0212, and C8J-2008-0239). The preliminary plans included wetland mitigation, which was reviewed and approved under the code in effect at the time. (See the applicant's Exhibit N – Proposed CEF Mitigation for wetland protection and mitigation approved with the preliminary plans.)

Requested Environmental Code Modifications

As mentioned above, the Sun Chase PUD is comprised of four MUDs. The MUDs and the preliminary plans for the area were approved prior to the adoption of the Watershed Protection Ordinance (WPO). The MUD superiority elements and the layout of the preliminary plans were thus based on the Comprehensive Watershed Ordinance (CWO) – the environmental regulations in effect at the time. In order to honor those agreed upon superiority elements and preserve the entitlements in the preliminary plans, the baseline for evaluating the PUD's environmental superiority is the code that applied to the property in 2012: the CWO regulations for the City's extraterritorial jurisdiction (ETJ).

The proposed PUD includes numerous modifications to current code requirements. Some of the requested code modifications are necessary to return to CWO standards or codify other elements of the MUD Consent Agreements. Other proposed modifications were not envisioned in the MUDs and have been requested during the PUD process. The following list summarizes key modifications to environmental requirements; see the applicant's Exhibit B-1 – Requested Code Modifications to Development Regulations for additional details. Please note that not all requested modifications have been agreed to by staff; see the recommendations section below for additional information.

- 25-8-62(C) and 30-5-62(C)³, Net Site Area – The applicability of net site area is modified to return to CWO standards. Net site area applies to the Sun Chase PUD rather than gross site area as in current code.
- 25-8-91(B) and 30-5-91(B), Waterway Classifications – The waterway drainage areas are modified to return to CWO standards:
 - A minor waterway has a drainage area of at least 320 acres and not more than 640 acres;
 - An intermediate waterway has a drainage area of at least 640 acres and not more than 1,280 acres; and
 - A major waterway has a drainage area of more than 1,280 acres.
- 25-8-92(B) and 30-5-92(B), Critical Water Quality Zones Established – Critical water quality zone (CWQZ) widths are modified to return to CWO standards and to create specific headwater buffers as agreed in the MUDs. The boundaries of a CWQZ coincide with the boundaries of the 100-year floodplain, except:
 - for a minor waterway, the boundaries of the CWQZ are located not less than 50 feet and not more than 100 feet from the centerline of the waterway;
 - for an intermediate waterway, the boundaries of the CWQZ are located not less than 100 feet and not more than 200 feet from the centerline of the waterway;
 - for a major waterway, the boundaries of the CWQZ are located not less than 200 feet and not more than 400 feet from the centerline of the waterway; and

³ The memo and Exhibit B-1 provided to the Environmental Commission for the meeting on November 18, 2015 did not include code citations for Title 30. Since subdivisions within the PUD are subject to Title 30 rather than Title 25, the corresponding Title 30 code citations have been incorporated.

- for selected unclassified waterways, the boundaries of the CWQZ are located either 50 feet from the centerline of the waterway or along the boundaries of the fully developed 100-year floodplain, as shown on the applicant's Exhibit I – Environmental Exhibit.
 - CWQZ buffer averaging does not apply in the Sun Chase PUD.
- 25-8-93(A) and 30-5-93(A), Water Quality Transition Zones Established – The applicability of water quality transition zones (WQTZs) is modified to return to CWO standards. WQTZs apply within the Sun Chase PUD.
- 25-8-211(B)(3) and 30-5-211(B)(3), Water Quality Control Requirement – The water quality control requirement is modified to return to CWO standards. Water quality controls are required if the total of new and redeveloped impervious cover exceeds 20 percent of net site area.
- 25-8-261 and 30-5-261, Critical Water Quality Zone Development – Development allowed within a CWQZ is modified to allow construction of a detention pond, as shown in the applicant's Exhibit L – CWQZ Detention Pond A.
- 25-8-392 and 30-5-392, Uplands Zone – The impervious cover limits are modified to return to CWO ETJ standards:
 - Single-family residential, lot size $\geq 5,750$ square feet: 45 percent of net site area (NSA); 50 percent of NSA if development intensity is transferred under Section 25-8-393
 - Single-family residential, lot size $< 5,750$ square feet: 55 percent of NSA; 60 percent NSA with transfers
 - Multifamily: 60 percent of net site area; 65 percent NSA with transfers
 - Commercial: 65 percent of net site area; 70 percent NSA with transfers
- Section 25-8 Article 9 and Section 30-5 Article 9, Suburban Watershed Requirements, Water Quality Transition Zone – A new code section is added to return to CWO standards:
 - In a water quality transition zone, the impervious cover of the land area of a site may not exceed 30 percent. In determining land area, land in the 100-year floodplain is excluded.
 - Water quality controls may be located in a water quality transition zone.
- 25-8-393 and 30-5-393, Transfer of Development Intensity – This section is modified to return to CWO standards, with a clarification that land in a CWQZ may be dedicated to a MUD. The WPO provision for transferring development intensity between site plans is retained.

- 30-2-62, Expiration of Approved Preliminary Plan – The previously approved preliminary plans will expire 20 years after their approval date, instead of ten years after the approval date as required by code.⁴

Proposed Environmental Superiority Elements

The project is proposing to provide the following environmental superiority elements (please see the applicant's Exhibit B – Tier 1 and Tier 2 Requirements for additional details):

1. The PUD will provide approximately 144 acres of open space in addition to the protected environmental features (e.g., creek buffers and floodplains). This is a 48 percent increase from the 98 acres of open space required based on assumed land uses.
2. The PUD will comply with the tree protection and landscape requirements as agreed to in the MUD (when the property was in the ETJ). The PUD will exceed the requirements by doing the following, also as agreed to in the MUD:
 - a. Developing a tree preservation plan;
 - b. Selecting all required trees from Appendix F;
 - c. Providing a tree care plan for construction-related impacts; and
 - d. Using reclaimed water for irrigation in open space areas, if reclaimed water is brought to the site and its use is economically feasible. (Reclaimed water won't be used in the CWQZ or flood plain.)
3. The PUD will provide superior water quality controls by using wet ponds and biofiltration ponds to treat 100 percent of the required water quality treatment volume. Wet ponds and biofiltration ponds provide superior total suspended solids and nutrient removal compared to conventional treatment methods, and also provide habitat and aesthetic benefits. The wet ponds shall be designed to have only a minimal, short term need for makeup water. The capture volume for each pond will be increased by ten percent.
4. The PUD will provide water quality treatment for a 92-acre offsite area (single-family residential lots and streets) that is currently untreated
5. The PUD will provide a minimum 50-foot setback for 75 percent of unclassified waterways with a drainage area of 32 to 320 acres.⁵
6. Volumetric flood detention will be provided for the entire PUD.
7. The PUD will use natural channel design techniques using the cross section agreed to in the MUD.
8. The PUD will restore areas within the 100-year floodplain that are in "poor" or "fair" condition based on the functional assessment methodology in Appendix X of the

⁴ This requested code modification has been revised since the Environmental Commission meeting on November 18. First, the prior version of Exhibit B-1 requested a modification to the code criteria for subdivisions in the City's full purpose jurisdiction, not in the limited purpose jurisdiction. The code modification has been corrected to apply to Title 30. Second, the applicant revised the requested extension from 35 years to 20 years.

⁵ As discussed above, the baseline for superiority is the CWO, which did not protect waterways with a drainage area smaller than 320 acres in the Suburban watersheds.

Environmental Criteria Manual (ECM). All 100-year floodplain areas within the PUD shall be evaluated and restored if applicable, except for the areas in the southern portion of the PUD for which a final plat application is currently under review.⁶

9. The PUD will utilize native Central Texas seed stock, and all required trees will be planted with adequate soil volume in accordance with the following standards:
 - a. Small trees (less than 30 ft. mature height): minimum of 600 cubic feet soil volume.
 - b. Medium trees (30 to 50 ft. mature height): minimum of 1,000 cubic feet soil volume.
 - c. Large trees (greater than 50 ft. mature height): minimum of 1,500 cubic feet soil volume.
10. Stormwater runoff from impervious surfaces in commercial and multi-family tracts will be directed through landscape areas at least equal to the total required landscape area.
11. The PUD will provide educational signage at wetland CEFs.
12. The PUD will provide an Integrated Pest Management Plan for the entire property.

Recommendations

As proposed, staff finds that the environmental superiority elements do not outweigh the environmental impacts of the requested code modifications. Staff is concerned about the proposed modification to Section 30-2-62, which would extend the expiration date for the previously approved preliminary plans by 10 years. The existing expiration dates contained in City regulations balance a developer's need for certainty with the City's right to update development and environmental protection standards. Extending the expiration date for the approved preliminary plans would allow the developer to lock in 2008 regulations until 2030, even if progress is not being made on the proposed project. The extension would undermine the City's legal right to define future development and environmental protection standards in response to community goals. The existing code provides regulatory certainty for a reasonable timeline and already includes the option for extensions to address unforeseen issues that may arise during the development process.

Staff would support a request to extend the expiration date of the approved preliminary plans by five years instead of ten years. A five year extension is reasonable given the length of time the PUD has been under review. However, it is important to note that a City-granted five-year extension would only be applicable after the PUD has been annexed into the full purpose jurisdiction.⁷ A five-year extension would mean that the preliminary plans expire in 2024 or 2025. Since annexation cannot occur until December 31, 2023 at the earliest, it is unlikely that the five-year extension will still be in effect when the PUD enters the full purpose jurisdiction. A five-year extension through the PUD is therefore unlikely to be of significant benefit to the

⁶ This superiority element has been revised since the Environmental Commission meeting on November 18. Staff and the applicant reached agreement about the extent of potential floodplain restoration.

⁷ Per Section 30-2-62(A), the County has authority to grant preliminary plan extensions while the PUD remains in the limited purpose jurisdiction.

applicant; they may be better served obtaining an extension from the County under existing code section 30-2-62(C)(2).

In conclusion, staff recommends approval of the proposed Planned Unit Development with the following condition:

The proposed code modification to Section 30-2-62 shall be revised as follows: The previously approved preliminary plans for Sun Chase South, Sun Chase Phase 1, and Sun Chase Phase 2 shall expire 15 years after their approval date.

If the project meets the requested condition, staff recommends approved of the Planned Unit Development based on our finding that the proposed development will be environmentally superior to what could be built without the PUD.

Attachments

- A Location Map
- B Environmental Features Map
- C Site Photos
- D Driving Directions

Sun Chase PUD

Proposed Stream Buffer Widths

In 2009 and 2010, the City of Austin and Travis County approved three preliminary plans that encompass the entire Sun Chase PUD property. In 2012, the City approved the creation of four municipal utility districts (MUDs) for the area. The design of the preliminary plans and the superiority elements included in the MUD Consent Agreements were based on the Comprehensive Watershed Ordinance (CWO), the environmental regulations in effect at the time they were approved. In 2013, the City adopted new environmental regulations, the Watershed Protection Ordinance (WPO). However, the project proposed in the preliminary plans and MUDs was not designed to WPO standards. In order to preserve the entitlements in the preliminary plans, the applicant is proposing to modify some current environmental requirements in order to return to CWO standards.

One of the requested code modifications is to return to CWO standards for stream buffers. This generally means that critical water quality zone (CWQZ) widths are narrower than required by current code, but that water quality transition zones (WQTZs) are also provided. The table below summarizes the difference between the proposed stream buffers and the current code requirements.

Waterway Drainage Area	Sun Chase / CWO		WPO	
	CWQZ	WQTZ	CWQZ	WQTZ
<64 acres	Some: 50 ft./ 100-year FP	None	None	None
64 – 320 acres		None	100 ft.	None
320 – 640 acres	50 – 100 ft.	100 ft.	200 ft.	None
640 – 1,280 acres	100 – 200 ft.	200 ft.	300 ft.	None
>1,280 acres	200 – 400 ft.	300 ft.		None

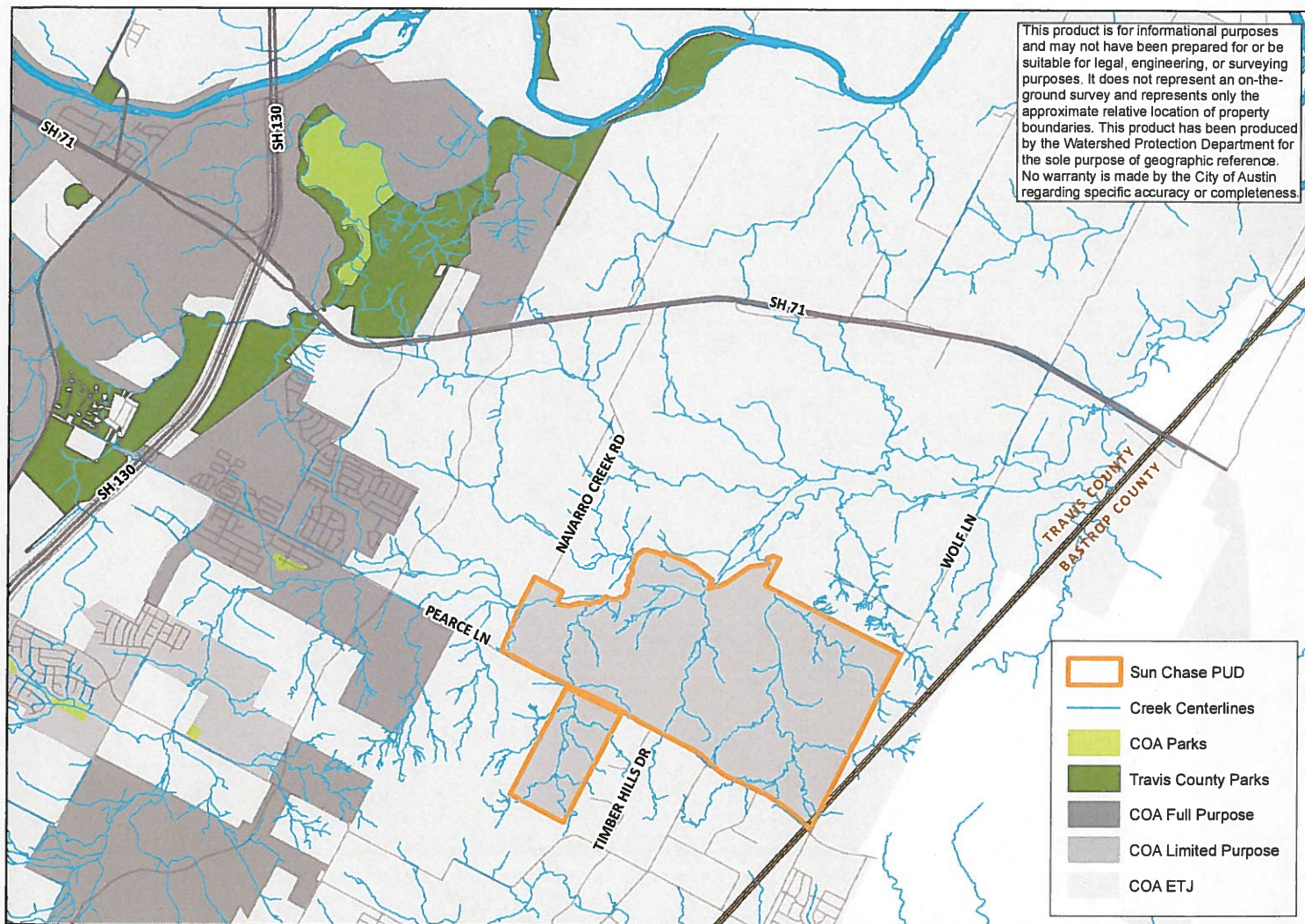
CWO: Comprehensive Watershed Ordinance

WPO: Watershed Protection Ordinance

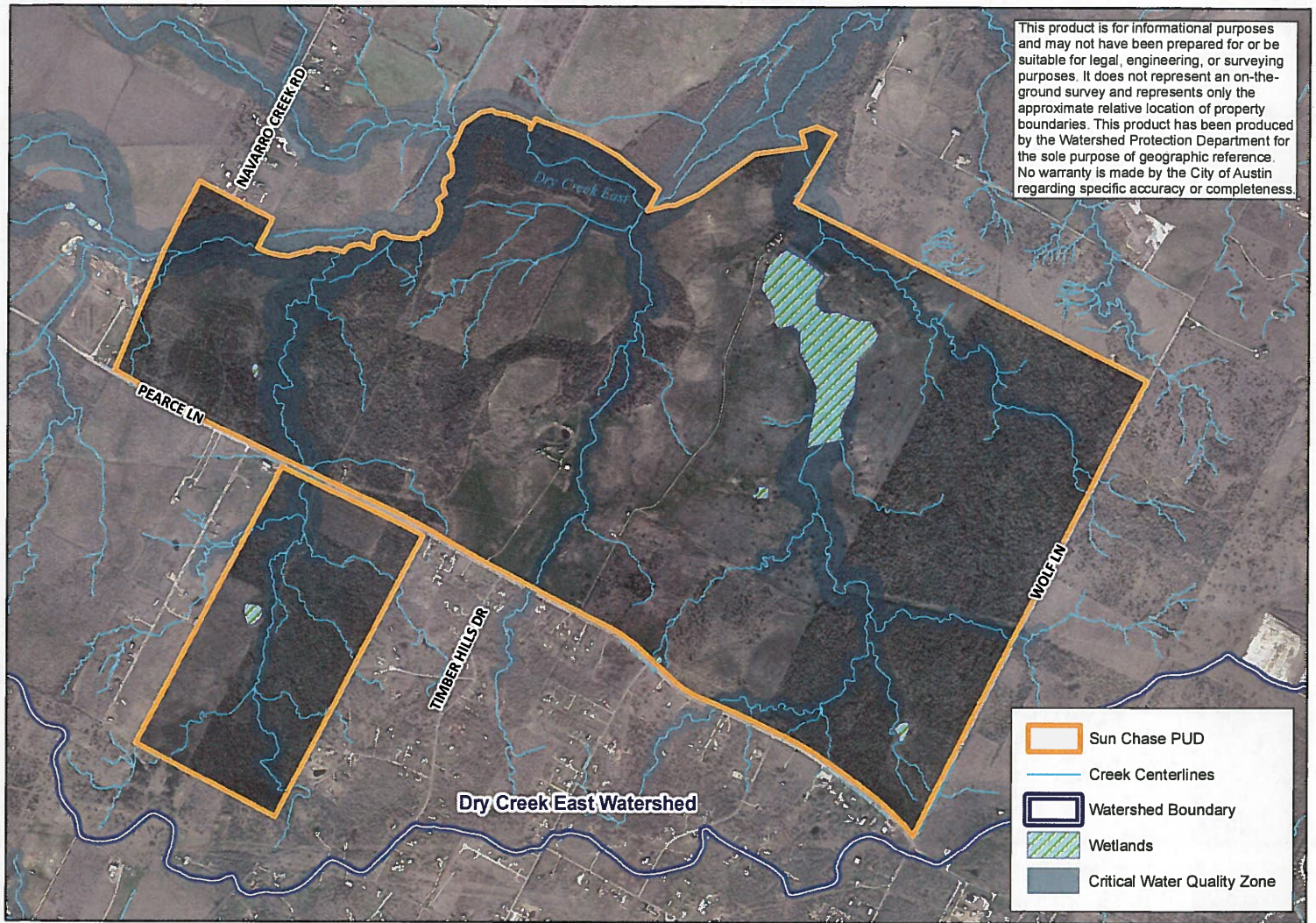
CWQZ: critical water quality zone

WQTZ: water quality transition zone

FP: flood plain



Attachment A
Sun Chase PUD Location Map



Attachment B
Sun Chase PUD Environmental Features Map

Attachment C
Sun Chase PUD Site Photos



North end of PUD property, looking north toward Dry Creek



North end of PUD property, looking west



Homestead area in northern portion of PUD property



Existing lake, looking south



Headwater tributary



Example of wetland Critical Environmental Feature

Attachment D
Driving Directions to Sun Chase PUD

From Austin City Hall, 301 W. 2nd Street:

- Drive 2.6 miles south on I-35; take exit 230 for TX-71 E toward Bastrop
- Drive 6.7 miles on TX-71 E; turn right onto FM 973 S
- Drive 1.8 miles on FM 973 S; turn left on Pearce Ln

Pearce Lane forms the southern border of the northern portion of the PUD.

ARMBRUST & BROWN, PLLC

ATTORNEYS AND COUNSELORS

100 CONGRESS AVENUE, SUITE 1300
AUSTIN, TEXAS 78701-2744
512-435-2300

FACSIMILE 512-435-2360
FACSIMILE 512-435-2399

AMANDA MORROW.
(512) 435-2368
amorrow@abaustin.com

January 6, 2016

VIA ELECTRONIC MAIL
VIA HAND DELIVERY

Wendy Rhoades
City of Austin
Development Services Department
505 Barton Springs Road, 5th Floor
Austin, Texas 78701

Sun Chase PUD ; C814-2012-0163

Dear Mrs. Rhoades:

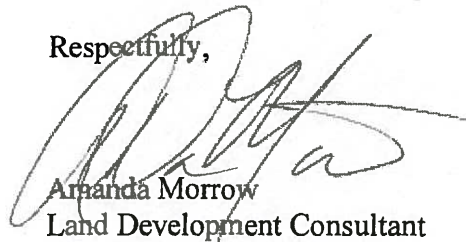
The Sun Chase PUD is comprised of approximately 1,604 acres of undeveloped land located east of SH 130 near Wolf Lane, Pearce Lane, and Navarro Creek Road (the "Project"). In 2012, City Council approved the creation of four municipal utility districts known as the Southeast Travis County Municipal Utility Districts No(s). 1 - 4 (the "MUDs"). The MUDs were created to provide water and wastewater services, along with the creation of parks and recreational facilities for this area of Austin. As part of the consent for the MUDs, it was agreed that a Planned Unit Development ("PUD") would be processed. In order to obtain City Council approval, and in accordance with the City's adopted MUD Policy, the MUDs were required to provide extraordinary benefits, superior development and enhancement of other City interests through the approval of Consent Agreements approved by Ordinance No(s) 20120322-036, 20120322-037, 20120322-038, and 20120322-039.

In 2009 - 2010 the City and Travis County approved three preliminary plans that encompass all of the 1,604 acres. These preliminary plans are referenced in City Case No(s). C8J-2008-0176 (Sun Chase South), C8J-2008-0212 (Sun Chase Phase 1), and C8J-2008-0239 (Sun Chase Phase 2 Preliminary Plan). Several variances were granted with the approval of these preliminary plans.

The PUD is a master planned community which will include various types of residential use, multi-family use, supporting commercial use and open space and recreational area. Due to the size and complexity of the Project, some code modifications are required. A brief summary of the project history, PUD superiority elements, and code modifications required is attached. In the event there is a conflict between the regulations and exhibits set forth by the PUD and the Consent Agreements, the Consent Agreements control.

Should you have any questions, comment or concerns, please feel free to contact me.

Respectfully,



Amanda Morrow
Land Development Consultant

cc: Vera D. Massaro
Charles Brigrance
Richard T. Suttle, Jr.

Attachments

SUN CHASE SUMMARY, ENVIRONMENTAL SUPERIORITY, AND MODIFICATIONS

PROJECT SUMMARY:

1. In 2009 – 2010, City and County approved three preliminary plans that encompass all of the 1,604 acres. In conjunction with approval of the preliminary plans, several variances were granted. The Project will meet and exceed the requirements of the Comprehensive Watershed Ordinance (vested at the time of preliminary plan approval).
2. In 2012, City Council approved the creation of four municipal utility districts known as the Southeast Travis County Municipal Utility Districts No(s). 1 - 4 (the “MUDs”).
3. The Sun Chase PUD is comprised of approximately 1,604 acres of undeveloped land located east of SH 130 near Wolf Lane, Pearce Lane, and Navarro Creek Road (“Project”).

PUD SUPERIORITY:

1. The PUD will provide water quality controls, including Biofiltration Ponds, and Wet Detention Ponds that will incorporate 100% of the required water quality treatment volume. Wet ponds provide a higher level of water quality treatment than what would be allowed by Code. The capture volume for each pond will be increased by 10%.
2. The PUD will provide water quality treatment for currently untreated developed single-family residential lots and streets located upstream of the Project.
3. The PUD will provide protection of headwaters of unclassified waterways for those areas depicted on the Environmental Exhibit, which is also depicted on the Headwater Buffer Map attached to the Consent Agreements.
4. The Project will provide for an integrated pest management plan.
5. The PUD will provide 600 acres of Public Park and Open Space. Additionally, an estimated 8 miles of public trails will be provided and +/- 2 miles for the extension of City of Austin Bicycle Plan - Urban Trails Master Plan Dry Creek South Greenway.
6. A tree preservation plan has been developed; all planted trees will be selected from Appendix F of the Environmental Criteria Manual; and a tree care plan will be provided for construction related impacts. The MUDs agreed to the minimum landscaping requirements of the City Code by doing the following: Properly maintaining its property, subject to any applicable water use or restrictions imposed by the City; and upon reclaimed water being brought to the project, to use reclaimed water for irrigation in open space areas where such use is economically feasible, subject to any applicable water use restrictions imposed by the City. Reclaimed water will not be used in the CWQZ or flood plain.
7. The PUD proposes to provide 75% of the waterways with contributing drainage basins of 32 - 320 acres that are being protected. The calculations are as follows; 26,940 linear feet

streams with a DA 32 ac or more, 20,364 linear feet with a DA or more protected, (20,364 lf / 26,940 lf = 75%). Buffer setback is 50 ft. either side of the centerline of the creek for a total of 100 ft. (minimum).

8. Volumetric flood detention will be provided for the entire PUD.
9. Natural channel design techniques will be incorporated into the storm water management and treatment system using the cross section agreed to in the Consent Agreements. No concrete lined channels are proposed. The PUD proposes to use natural materials and restrict the use of concrete in channels except at culvert headwalls.
10. The PUD will provide riparian restoration for areas in the 100-year floodplain that are in "Poor" (1) or "Fair" (2) condition. Areas will be restored to "Good" (3) or "Excellent" (4) as described in Appendix X of the Environmental Criteria Manual. Evaluation of the riparian areas will be required at time of subdivision construction approval for residential development, and at time of site plan approval for commercial development. Provided however, any final plat application currently under review prior to PUD approval shall be exempt from this requirement.
11. All required tree plantings shall use native Central Texas tree stock and shall be planted with adequate soil volume in accordance with the following soil volume standards:
 - Small trees (less than 30 ft. mature height): minimum of 600 cubic feet soil volume.
 - Medium trees (30 to 50 ft. mature height): minimum of 1,000 cubic feet soil volume.
 - Large trees (greater than 50 ft. mature height): minimum of 1,500 cubic feet soil volume.

The topsoil and subsoil may be from naturally occurring native soils or amended within the tree planting pit in order to achieve the requirements. Soil depth shall be three feet for all three sizes. The soil in the planting pit shall be composed of 4 parts of soil mixed with 1 part compost, by volume. The compost shall meet the definition of compost as defined by TxDOT Specification Item 161. The soil shall be locally available native soil that meets the following specifications:

- Shall be free of trash, weeds, deleterious materials, rocks, and debris.
- 100% shall pass through a 1.5-inch (38-mm) screen.
- Soil to be a loamy material that meets the requirements of the table below in accordance with the USDA textural triangle. Soil known locally as "red death" is not an allowable soil. Textural composition shall meet the following criteria:

Textural Class	Minimum	Maximum
Clay	5%	50%
Silt	10%	50%
Sand	15%	67%

- An owner/engineer may propose use of onsite salvaged topsoil which does not meet the soil texture class required above by providing a soil analysis and a written statement from a qualified professional in soils, landscape architecture, or agronomy indicating the onsite topsoil will provide an equivalent growth media and specifying what, if any, soil amendments are required.
- Soil amendments shall be worked into the existing onsite topsoil with a disc or tiller to create a well-blended material.

Topsoil salvaged from the existing site may often be used, but it should meet the same standards as set forth in these standards. For areas where the soil volume is under pavement, the subgrade may not be compacted.

12. Runoff from impervious surface areas within commercial and multi-family tracts will be directed through landscape areas at least equal to the total required landscape area.
13. The project is located outside of Austin Energy's service area. However, in accordance with the Consent Agreements, (i) all commercial buildings within the MUD will be constructed in a manner sufficient to achieve an Energy Star rating, and (ii) all residential buildings within the MUD will be constructed in a manner sufficient to achieve a rating of two stars or greater under the City's Austin Energy Green Building Program, or (b) such buildings will be constructed in a manner sufficient to achieve a reasonably equivalent rating under another program executed by the City. All toilets, bathroom sink faucets and shower heads that are labeled as meeting the standards of the EPA WaterSense program, or a comparable program executed by the Developer and the City, will be installed in all residential buildings within the MUD and that all residential irrigation system components are certified as meeting the standards of the EPA WaterSense program, or a comparable program executed by the Developer and the City, or, if the EPA WaterSense program ceases to exist, that such fixtures and irrigation system components be labeled, certified or executed through a comparable program established or executed by the EPA or the City.

14. Provide additional pedestrian, bicycle and fire access to create a pedestrian-friendly development.
15. Create street cross sections that facilitate and enhance pedestrian and bicycle mobility, subject to Travis County approval.
16. Participation in the Art in Public Places Program.
17. Participate in the Affordable Housing Program as follows:
 - Ten percent of the rental units within the Project will be set aside for households with an income level of 60% or less of the median family income in Austin metropolitan statistical area for a period of 40 years from the Effective Date of the Consent Agreement.
 - Ten percent of the owner-occupied units within the Project will be priced, at the time of their initial offering for sale, at a price that is affordable to a household with an income level of 80% of the median family income in the Austin metropolitan statistical area.
 - A financial contribution to the City's affordable housing program equal to two percent of the total "hard" construction cost reimbursements actually received by the Developer out of the proceeds of bonds issued by the MUDs, up to a maximum total contribution of \$1.8 Million.
18. Two school sites shall be donated to the Del Valle Independent School District. Utilities shall be extended to the sites at no cost to the School District. Each site shall consist of at least 18 buildable acres.
19. A fire station site shall be dedicated to the City at no cost to the City.
20. Developer shall reserve a ten-acre transit site at the location to be mutually agreed upon by the Developer and the City. This site may be purchased by the City, or another governmental entity designed by the City, prior to the date the first MUD is annex for full purpose by the City.
21. Compliance with the Commercial Design Standards as it relates to building placement and urban design standards as follows:
 - Subchapter E Core Transit Corridor standards shall apply for sidewalks and building placement for 50% of the commercial, multi-family and village cluster development on Flower Cup Loop between Sun Chase Parkway and Misu Drive;
 - Subchapter E Urban Roadway standards for sidewalks and building placement for 50% commercial, multi-family and village cluster development along Sun Chase

Parkway from Pearce Lane to Flower Cup Loop, along Rumworth Drive from Pearce Lane to Flower Cup Loop, and along Misu Drive from Wolf Lane to Flower Cup Loop

22. The project shall meet and exceed the landscaping requirements in accordance with the following standards:

- Developer Agreements. The Developer (with respect to the portion of the Land owned by the Developer) agrees to comply with the City's tree preservation ordinance, Protected and Heritage Tree, and the minimum landscaping requirements in Chapter 25 of the Land Development Code and to exceed those requirements by doing the following:
 - A tree preservation plan will be developed with the City's arborist during the PUD process that, at a minimum, will satisfy the requirements of the City's tree preservation ordinance, Protected and Heritage Tree, with additional emphasis given to trees less than 19" in diameter (where feasible) counting towards or fulfilling the tree planting/preservation requirements;
 - All preserved or planted trees for landscape requirements will come from the Environmental Criteria Manual, Appendix F; and
 - A tree care plan, prepared by a certified arborist, will be provided for construction-related impacts within the critical root zone of all trees which are required to be preserved.
- MUD Agreements. The MUDs (with respect to the portion of the land owned by the MUDs) agrees to exceed the minimum landscaping requirements of the City Code by doing the following:
 - Properly maintaining its property, subject to any applicable water use or other restrictions imposed by the City; and
 - Upon Reclaimed Water being brought to the Project, to use Reclaimed Water for irrigation in open space areas where such use is economically feasible, subject to any applicable water use restrictions imposed by the City.

CODE MODIFICATIONS:

1. Net Site Area – Is modified to apply within the boundaries of the PUD.
2. Waterway Classifications – A minor waterway has a drainage area of at least 320 acres and not more than 640 acres. An intermediate waterway has a drainage area of at least 640 acres but not more than 1,280 acres and a major waterway has a drainage area of more than 1,280 acres.

3. Critical Water Quality Zones – the boundaries of a critical water quality zone coincides with the boundaries of the boundaries of the 100 year flood plain except as follows:
 - for a minor waterway, the boundaries of the critical water quality zone are located not less than 50 feet and not more than 100 feet from the centerline of the waterway,
 - for an intermediate waterway, the boundaries of the critical water quality zone are located not less than 100 feet and not more than 200 feet from the centerline of the waterway; and
 - for a major waterway, the boundaries of the critical water quality zone are located not less than 200 feet and not more than 400 feet from the centerline of the waterway,
 - for selected unclassified waterways, the boundaries of the critical water quality zone are located either 50 feet from the centerline of the waterway, or along the boundaries of the fully developed 100 year floodplain as shown on the Environmental Exhibit.
4. Critical Water Quality Zone - Critical Water Quality Zone buffer averaging does not apply in the Sun Chase PUD.
5. Critical Water Quality Zone - Notwithstanding the provisions of Section 25-8-92 and 30-5-92, Subsections (B) (1), (2), and (3), a critical water quality zone does not apply to a previously modified drainage feature serving a public roadway right-of-way that does not possess any natural and traditional character and cannot reasonably be restored to a natural condition.
6. Water Quality Transition Zones – Water Quality Transition Zones apply within the PUD.
7. Water Quality Control Requirements – If the total new and redeveloped impervious cover exceeds 20% of the net site area, water quality controls must be provided.
8. Dedicated Fund – Section 25-8-232 and 30-5-232 (A), (B) and (C) shall not apply to the PUD. The MUD Consent Agreements establish that drainage facilities within the MUDs will be owned, financed, operated and maintained by the MUDs, therefore this modification is requesting clarification that the Dedicated Fund will not apply to the PUD.
9. Critical Water Quality Zone Development - Detention basins and wet ponds are prohibited in the critical water quality zone except as depicted on the attached Exhibit, "CWQZ DETENTION POND A".
10. An applicant who complies with a provision of this subsection qualifies for the development intensity transfer described in the provision, subject to the requirements in subsection (B) and the impervious cover limitations in section 25-8-392 (Uplands Zone).

(A) For transfers between two subdivided tracts;

- (1) For each acre of land in a critical water quality zone that an applicant dedicates in fee simple to the City or a Municipal Utility District or another entity approved by the Watershed Protection Department director in fee simple, the applicant may transfer 20,000 square feet of impervious cover to an upland zone. Land dedicated under this section may also be credited toward the parkland dedication requirements of Chapter 25-4, Article 3, Division 5 (Parkland Dedication);
- (2) For each acre of land in the water quality transition zone that an applicant leaves undeveloped and undisturbed and does not include in impervious cover calculations elsewhere, the applicant may transfer 20,000 square feet of impervious cover to the uplands zone;
- (3) For each acre of land in a water quality transition zone that an applicant used for a golf course or other recreational use, restores using predominantly native plants and grasses, and provides a plan for minimizing the use and effect of pesticides, herbicides and fertilizers, the applicant may transfer 17,000 square feet of impervious cover to an uplands zone;
- (4) For each acre of land in an uplands zone that is located in the buffer zone of a critical environmental feature and that an applicant leaves natural and undisturbed, the applicant may transfer 20,000 square feet of impervious cover to an uplands zone. The buffer area may be included in the net site area calculations for the uplands zone;
- (5) For each acre of land in an uplands zone that an applicant uses for wastewater irrigation, restricts against future development, and leave in a natural state, other than for necessary irrigation lines and tailwater control berms, the applicant may transfer 20,000 square feet of impervious cover to an uplands zone.

(B) An applicant who qualifies for a development intensity transfer under Subsection (A) must comply with requirements of this subsection to affect the transfer.

- (1) An applicant may transfer development intensity to a receiving tract that is within the same watershed classification as the transferring tract. This limitation does not apply if the transferring and receiving tracts are both owned by the applicant and are separated only by property that is also owned by the applicant.

- (2) An applicant must concurrently plat the transferring and receiving tracts and must transfer all development intensity at that time
- (3) An applicant must note the development intensity transfer on the plats of the transferring and receiving tracts, in a manner determined by the director.
- (4) An applicant must file in the deed records a restrictive covenant, approved by the city attorney that runs with the transferring tract and describes the development intensity transfer.

(C) For transfers between two site plans:

- (1) An applicant may transfer development intensity to a receiving tract that is within the same watershed classification as the transferring tract. This limitation does not apply if the transferring and receiving tracts are both owned by the applicant and are separated only by property that is also owned by the applicant.
- (2) The receiving and transferring site plans;
- (3) An applicant must file in the deed records a restrictive covenant, approved by the City Attorney that runs with the transferring tract and describes the development intensity transfer.
- (4) The transfer must occur before the receiving and transferring site plans are released.

(D) For transfers within a single site plan, an applicant must file in the deed records a restrictive covenant, approved by the City Attorney that runs with the transferring tract and describes the development intensity transfer.

11. Uplands Zone - This section applies to development in an uplands zone. Impervious cover limits in this section are expressed as percentages of net site area. The following increase in impervious cover shall apply to the PUD:

- Impervious cover for a single-family residential use with a minimum lot size of 5,750 square feet may not exceed: 45 percent or if development intensity is transferred 50 percent.
- Impervious cover for a duplex or single-family residential use with a lot smaller than 5,750 square feet in size may not exceed: 55 percent or if development intensity is transferred 60 percent.

- Impervious cover for a multifamily residential use may not exceed: 60 percent or if development intensity is transferred 65 percent.
 - Impervious cover for a commercial use may not exceed: 65 percent or if development intensity is transferred 70 percent.
12. Suburban Watershed Requirements - In a Water Quality Transition Zone, the impervious cover of the land area of a site may not exceed 30%. In determining land area, land in the 100 year floodplain is excluded.
 13. Zoning Boundaries – Allow noncontiguous zoning boundaries.
 14. Commercial Design Standards – The only Commercial Design Standards that shall apply to the PUD are:
 - Subchapter E Core Transit Corridor standards shall apply for sidewalks and building placement for 50% of the commercial, multi-family and village cluster development on Flower Cup Loop between Sun Chase Parkway and Misu Drive;
 - Subchapter E Urban Roadway standards for sidewalks and building placement for 50% commercial, multi-family and village cluster development along Sun Chase Parkway from Pearce Lane to Flower Cup Loop, along Rumworth Drive from Pearce Lane to Flower Cup Loop, and along Misu Drive from Wolf Lane to Flower Cup Loop; and
 - Commercial, multi-family and village cluster development shall have a maximum block size of five acres.
 15. Permitted and Prohibited Uses – Modify the permitted and prohibited uses within the PUD.
 16. Site Development Standards – Modify the site development standards within the PUD.
 17. Transportation – A variance was granted in connection with the Sun Chase Phase 1 Preliminary Plan in order to avoid connecting to Navarro Creek Road. This request is made to acknowledge that the variance was granted and shall remain in effect for the duration of the PUD.
 18. Transportation Standards – Modify the transportation standards within the PUD, with the understanding that roadway cross sections and striping is subject to Travis County approval.
 19. Subdivision – Extend the expiration date of the Sun Chase South Preliminary Plan (C8J-2008-0176), Sun Chase Phase 1 Preliminary Plan (C8J-2008-0212), and the Sun Chase Phase 2 Preliminary Plan (C8J-2008-0239) to expire 15 years after their approval date.

Attached are comprehensive Tier One and Tier Two tables that reflect the superiority of the Project.



MEMORANDUM

Date: January 8, 2016
To: Wendy Rhoades, Case Manager
CC: Charles Brigance, P.E., Carlson, Brigance & Doering, Inc.
Reference: Sun Chase PUD TIA
Zoning Case: C814-2012-0163

The Transportation Review Section has reviewed the Traffic Impact Analysis (TIA) for the Sun Chase PUD, dated October 2, 2015, and offers the following comments:

TRIP GENERATION

The proposed Sun Chase PUD is a 1,604-acre development located in the northwest quadrant of the Pearce Lane and Wolf Lane intersection and within the limited-purpose jurisdiction of the City of Austin. The subject property counts with approved subdivision preliminary plans but is currently undeveloped and not zoned. The proposed zoning is Planned Unit Development (PUD) and it is to be a mixed-use development consisting of single-family homes, mixed residential, multi-family apartments, mixed commercial uses, an elementary school, a junior high school, a wastewater treatment plant, a fire station, and parkland. The Sun Chase PUD is comprised of four approved Municipal Utility Districts (MUDs) and is to be built in three phases with an estimated full build-out in the year 2031.

Based on the standard trip generation rates established by the Institute of Transportation Engineers (ITE Trip Generation, 9th Edition), the proposed PUD development is estimated to generate approximately 5,622 unadjusted AM peak-hour trips (PHTs) and 7,696 unadjusted PM peak-hour trips upon build-out as shown in Table 1. However, ITE Trip Generation 9th Ed. allows adjusted trip rates applicable to certain land uses resulting in reduced trips to/from the site and identified as either pass-by traffic or internal-capture trips. Accordingly, Table 2 indicates 4,798 adjusted trips during the morning peak-hour (AM) and 5,642 trips during the evening peak-hour (PM). In addition, please see Exhibit "A" for a breakdown of the proposed land uses for each MUD along with their corresponding size, ITE code, and trip generation.

Table 1. Summary of Unadjusted Peak-Hour Trip Generation (PHTs)

Municipal Utility District (MUD)	ADT	AM Peak Hour			PM Peak Hour		
		Total	Enter	Exit	Total	Enter	Exit
MUD No. 1 Total Unadjusted Trips	14,168	739	234	505	956	564	392
MUD No. 2 Total Unadjusted Trips	29,149	1,740	762	978	2,338	1,229	1,109
MUD No. 3 Total Unadjusted Trips	14,940	1,356	487	869	1,460	838	622
MUD No. 4 Total Unadjusted Trips	35,876	1,787	800	987	2,942	1,515	1,427
Total Unadjusted Trips (MUDs 1-4)	94,133	5,622	2,283	3,339	7,696	4,146	3,550

Table 2. Summary of Adjusted Peak-Hour Trip Generation (PHTs)							
		AM Peak Hour			PM Peak Hour		
Municipal Utility District (MUD)	-	Total	Enter	Exit	Total	Enter	Exit
MUD No. 1 Total Adjusted Trips	-	593	164	429	745	458	287
MUD No. 2 Total Adjusted Trips	-	1,422	599	823	1,556	849	707
MUD No. 3 Total Adjusted Trips	-	1,261	439	822	1,282	751	531
MUD No. 4 Total Adjusted Trips	-	1,522	666	856	2,058	1,086	972
Total Adjusted Trips (MUDs 1-4)	-	4,798	1,867	2,930	5,641	3,144	2,497

DATA ASSUMPTIONS

1. The annual growth rates for the Sun Chase PUD were based on the traffic projections using the CAMPO long range travel demand model for an 18-year period until full build-out in 2031. Varying growth rates with an average 1.029% annual growth was used for this proposed development. In addition, background traffic volumes for 2031 included the estimated traffic volumes for the Sun Chase MUDs 1, 2, 3, and 4.
2. Pass-by trip reductions are allowed for certain commercial uses based on data provided in the ITE Trip Generation, 9th Edition. A pass-by reduction of 34% was allowed for the retail uses only during the PM peak period. A 49% pass-by reduction was allowed in the AM peak period and 50% in the PM peak period for the fast-food restaurants with drive-thru windows. No pass-by reductions during the AM peak and PM peak periods were allowed for any of the other proposed land uses.
3. ITE Trip Generation, 9th Edition, allows an internal capture trip reduction for large, mixed-use developments because a percentage of the vehicle trips will occur wholly within the PUD. Based on ITE guidelines, a 5% internal capture reduction was allowed only for the retail uses and fast-food restaurants with drive-thru windows during the AM and PM peak periods. No internal capture reductions during the AM peak and PM peak periods were allowed for any of the other proposed land uses.
4. No reductions were taken for transit use during any period of the analysis. However, Capital Metro service may expand its service to this development in the future.
5. Based on the TIA's scope of work, traffic counts were taken at various key locations to establish the circulation characteristics of the roadways in the study area. The traffic counts taken in conjunction with data from CAMPO and other sites formed the basis for the future traffic assumptions in the study area.

EXISTING AND PLANNED ROADWAYS

Pearce Lane – Pearce Lane is built as a two-lane roadway between SH 130 to east of Wolf Lane. The CAMPO 2035 Regional Transportation Plan calls for the widening of the roadway in the vicinity of Ross Road to a four-lane arterial (MAD-4) with bike lanes. The TIA assumed that the planned construction for this road would be completed by 2031. Pearce Lane is listed as Bike Route No. 70 in the Bicycle Plan. Per the approved phasing agreement by Travis County, the TIA assumes that the segment of Pearce Lane adjacent to the Sun Chase PUD will be widened to four lanes with a center turn lane at the major intersections.

SH-71 – This state highway is located approximately 2 miles north of the proposed Sun Chase PUD and is maintained by the Texas Dept. of Transportation (TxDOT). SH-71 is classified as a MAD-4 in the Austin Metropolitan Area Transportation Plan. SH-71 is listed as Bike Route No. 418 in the Bicycle Plan. The 2009 traffic volume on SH-71 east of SH 130 was approximately 30,000 vehicles per day (vpd).

Wolf Lane – This road exists as a two-lane roadway between SH-71 to the south of Pearce Lane. Wolf Lane creates the eastern boundary for the Sun Chase PUD. Wolf Lane is listed as Bike Route No. 79 in the Bicycle Plan. The CAMPO 2035 Regional Transportation Plan does not indicate any planned improvements to this roadway. However, the TIA assumes that this roadway will be widened to at least a three-lane undivided road (two travel lanes with a center turn lane) along the frontage of the Sun Chase PUD.

Ross Road (North) – Currently, this roadway is built as a two-lane undivided road between SH 71 and Pearce Lane. The 2035 CAMPO Regional Transportation Plan calls for this road to be widened to a four-lane divided arterial w/bike lanes (MAD 4) between 2026 and 2035. Ross Road is listed in the Bicycle Plan as Bike Route No. 73. The TIA assumes that this roadway will be widened to a MAD-4 with bike lanes by 2031.

Ross Road (South) – Ross Road is built as a two-lane undivided road south of Pearce Lane. The 2035 CAMPO Regional Transportation Plan calls for this road to be widened to a four-lane divided arterial w/bike lanes (MAD 4) between 2026 and 2035. The TIA assumes that this roadway will be widened to that standard by 2031.

Linden Lane – This roadway is currently a two-lane undivided road south of Pearce Lane. The 2035 CAMPO Regional Transportation Plan does not recommend any improvements to this road. Currently, this road is not listed in the Bicycle Plan.

Meurer Lane – This roadway is located north of the Sun Chase PUD and is currently a two-lane undivided road. The 2035 CAMPO Regional Transportation Plan does not recommend any improvements to this road. Currently, this road is not listed in the Bicycle Plan.

TRAFFIC ANALYSIS

The impact of site development traffic on the existing area roadways was analyzed. Four time periods and travel conditions were evaluated:

- Pre-development Conditions (Existing)
- Phase IA Completion Conditions (2019)
- Phase IB Completion Conditions (2021)
- Phase II Full Build-Out Conditions (2031)

INTERSECTION LEVEL OF SERVICE (LOS)

The TIA analyzed 12 intersections, 10 of which are or would be signalized. Table 3 shows the existing levels of service (LOS). Tables 4, 5, and 6 indicate the projected levels of service for each planned phase of development. The projected levels of service for these analyzed intersections include two conditions: 1) with Background Traffic Only (Forecasted) and 2) with Total Traffic (PUD + Forecasted) for all three planned phases of development (2019, 2021, and 2031), assuming that the improvements recommended in the TIA are built.

Table 3. Existing Intersection Levels of Service (LOS)

Intersection	AM Delay	AM LOS	PM Delay	PM LOS
Ross Rd. West/Pearce Ln.:				
• Overall	2.7	A	2.1	A
• NB Left/Right	13.3	B	15.5	C
• WB Left/Thru	7.7	A	9.0	A
Ross Rd. East/Pearce Ln./Los Cielos Blvd.	7.1	A	13.4	B
Linden Ln./Pearce Ln.:				
• Overall	2.1	A	3.8	A
• NB Left/Right	11.7	B	12.2	B
• WB Left/Right	7.4	A	8.0	A
Wolf Ln./Pearce Ln.*:				
• Overall	9.9	A	9.4	A
• NB Left/Thru/Right	9.2	A	8.4	A
• EB Left/Thru/Right	8.4	A	10.1	B
• WB Left/Thru/Right	10.7	B	8.3	A
• SB Left/Thru/Right	8.5	A	8.7	A
Meurer Ln./Wolf Ln.:				
• Overall	0.2	A	1.1	A
• NB Left/Thru	0.0	A	7.4	A
• EB Left/Right	9.3	A	9.4	A
SH 71/Wolf Ln./Buck Ln.:				
• Overall	5.6	A	3.0	A
• NB Left/Thru/Right	94.2	F	130.5	F
• EB Left	17.2	C	11.3	B
• WB Left	10.2	B	18.5	C
• SB Left/Thru/Right	63.7	F	33.3	D

* All way stop control

Table 4. Projected Levels of Service (LOS)**Phase IA (2019) Intersection LOS
with Background Traffic Only**

Intersection	AM Delay	AM LOS	PM Delay	PM LOS
Ross Rd. West/Pearce Ln.:				
• Overall	2.1	A	2.1	A
• NB Left/Right	13.3	B	17.1	B
• WB Left	7.6	A	9.4	A
Ross Rd. East/Pearce Ln./Los Cielos Blvd.	6.5	A	16.2	B
Linden Ln./Pearce Ln.:				
• Overall	1.8	A	1.4	A
• NB Left/Right	15.3	B	12.3	B
• WB Left	7.8	A	8.2	A
Wolf Ln./Pearce Ln.*	9.2	A	9.3	A
Meurer Ln./Wolf Ln.:				
• Overall	0.1	A	0.5	A
• NB Left	0.0	A	7.4	A
• EB Left/Right	9.4	A	9.2	A
SH 71/Wolf Ln./Buck Ln.	9.5	A	6.7	A

**Phase IA (2019) Intersection LOS
with Total Traffic**

Intersection	AM Delay	AM LOS	PM Delay	PM LOS
Ross Rd. West/Pearce Ln.:				
• Overall	2.2	A	2.2	A
• NB Left/Right	15.7	C	21.0	C
• WB Left	7.7	A	10.0	A
Ross Rd. East/Pearce Ln./Los Cielos Blvd.	9.2	A	37.2	D
Sweet Pea Dr./Pearce Ln.	15.5	B	16.1	B
Sun Chase Pkwy./Pearce Ln.	16.0	B	15.5	B
Linden Ln./Pearce Ln.:				
• Overall	2.4	A	1.6	A
• NB Left/Right	28.7	D	17.5	B
• WB Left	8.6	A	8.7	A
Wolf Ln./Pearce Ln.*	12.1	B	11.3	B
Meurer Ln./Wolf Ln.:				
• Overall	0.0	A	0.2	A
• NB Left	0.0	A	7.7	A
• EB Left/Right	10.7	B	10.6	B
SH 71/Wolf Ln./Buck Ln.	10.4	B	11.1	B

* All way stop control.

Table 5. Projected Levels of Service (LOS)**Phase IB (2021) Intersection LOS
with Background Traffic Only**

Intersection	AM Delay	AM LOS	PM Delay	PM LOS
Ross Rd. West/Pearce Ln.:				
• Overall	2.5	A	2.6	A
• NB Left/Right	15.3	C	21.2	C
• WB Left	7.7	A	10.	A
Ross Rd. East/Pearce Ln./Los Cielos Blvd.	11.5	B	19.9	B
Linden Ln./Pearce Ln.:				
• Overall	2.0	A	1.9	A
• NB Left/Right	13.5	B	13.2	B
• WB Left	7.5	A	8.5	A
Wolf Ln./Pearce Ln.*	9.4	A	9.6	A
Meurer Ln./Wolf Ln.:				
• Overall	0.1	A	0.5	A
• NB Left	0.0	A	7.4	A
• EB Left/Right	9.5	A	9.3	A
SH 71/Wolf Ln./Buck Ln.	11.2	B	8.6	A

**Phase IB (2021) Intersection LOS
with Total Traffic**

Intersection	AM Delay	AM LOS	PM Delay	PM LOS
Ross Rd. West/Pearce Ln.:				
• Overall	3.7	A	5.2	A
• NB Left/Right	30.9	D	56.7	F
• WB Left	8.1	A	11.9	B
Ross Rd. East/Pearce Ln./Los Cielos Blvd.	44.3	D	40.3	D
Sweet Pea Dr./Pearce Ln.	19.1	B	19.8	B
Sun Chase Pkwy./Pearce Ln.	25.8	C	22.3	C
Linden Ln./Pearce Ln.:				
• Overall	5.4	A	4.6	A
• NB Left/Right	70.9	F	54.8	F
• WB Left	9.0	A	10.1	A
Wolf Ln./Pearce Ln.*	18.6	C	24.7	C
Meurer Ln./Wolf Ln.:				
• Overall	0.0	A	0.1	A
• NB Left	0.0	A	8.2	A
• EB Left/Right	13.5	B	14.4	B
SH 71/Wolf Ln./Buck Ln.	17.8	B	36.5	D

* All way stop controlled.

Table 6. Projected Levels of Service (LOS)**Phase II (2031) Intersection LOS
with Background Traffic Only**

Intersection	AM Delay	AM LOS	PM Delay	PM LOS
Ross Rd. West/Pearce Ln.	9.6	A	14.3	B
Ross Rd. East/Pearce Ln./Los Cielos Blvd.	11.6	B	16.3	B
Linden Ln./Pearce Ln.	10.8	B	9.4	A
Wolf Ln./Pearce Ln.	12.6	B	20.2	C
Meurer Ln./Wolf Ln.:				
• Overall	0.0	A	0.3	A
• NB Left	0.0	A	7.5	A
• EB Left/Right	10.0	B	9.9	A
SH 71/Wolf Ln./Buck Ln.	25.4	D	29.8	C

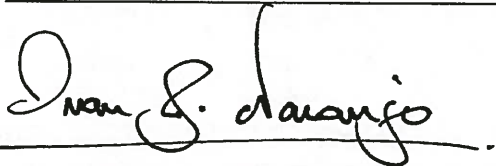
**Phase II (2031) Intersection LOS
with Total Traffic**

Intersection	AM Delay	AM LOS	PM Delay	PM LOS
Ross Rd. West/Pearce Ln.	13.8	B	32.3	C
Ross Rd. East/Pearce Ln./Los Cielos Blvd.	22.5	C	39.9	D
Sweet Pea Dr./Pearce Ln.	14.6	B	13.8	B
Sun Chase Pkwy./Pearce Ln.	27.8	C	25.7	C
Linden Ln./Pearce Ln.	12.8	B	12.9	B
Rumworth Dr./Pearce Ln.				
• Overall	6.6	A	14.0	B
• EB Left	14.0	B	16.3	C
• SB Left	87.0	F	323.9	F
• SB Right	22.1	C	17.0	C
Wolf Ln./Pearce Ln.	19.5	B	46.3	D
Misu Dr. South/Wolf Ln.	8.7	A	10.3	B
Waterton Wave Dr./Wolf Ln.	3.8	A	8.9	A
Wateree Dr./Wolf Ln.	7.2	A	8.6	A
Meurer Ln./Wolf Ln.:				
• Overall	0.0	A	0.1	A
• NB Left	0.0	A	12.8	B
• EB Left/Right	29.0	D	35.2	E
SH 71/Wolf Ln./Buck Ln.	44.5	D	143.3	F

RECOMMENDATIONS

- 1) Please see Exhibit "B" for a summary of traffic improvements recommended with the TIA.
- 2) The revised cost estimate for the recommended traffic improvements has not yet been approved by Travis County. The approval of the cost estimates is required prior to 3rd reading. Per Travis County, the fiscal posting for the traffic improvements will be deferred to the subdivision stage in accordance with the approved traffic phasing agreement.
- 3) Prior to full purpose annexation, the TIA may be amended, as required by Travis County. After full purpose annexation, the approved TIA may be amended as required by the City of Austin. Travis County recommends that the TIA and its subsequent amendments be kept on file at the Development Services Department of the City of Austin.
- 4) Development of the PUD should be limited to uses and intensities which will not exceed or vary from the projected traffic conditions assumed in the TIA and all roadways should comply with the intent of the City of Austin's Complete Streets Policy and as approved by Travis County.
- 5) Additional right-of-way for Pearce Lane and Wolf Lane shall be dedicated during the subdivision platting stage.
- 6) Development of this property should not exceed or vary from the projected traffic conditions assumed in the TIA, including peak hour trip generations, traffic distribution, roadway conditions, and other traffic related characteristics.
- 7) Due to the size and complexity of the proposed development, trip generation should be analyzed to ensure compatibility within the assumptions of the TIA as each section/phase within the PUD is developed.
- 8) Development of the PUD shall be in accordance with the Superiority Table for Tiers I & II.

If you have any questions or require additional information, please contact me at 974-7649.



Ivan J. Naranjo, MBA, Senior Transportation Planner
Transportation Review Staff – Land Use Review Division
City of Austin – Development Services Department

EXHIBIT "A"
Sun Chase PUD
MUDs No. 1 - 4 Trip Generation*

MUD Sec.	Use	Size	ITE Code	Unadjusted Volumes							Adjusted Volumes						
				ADT	AM Total	AM In	AM Out	PM Total	PM In	PM Out	AM Total	AM In	AM Out	PM Total	PM In	PM Out	
	Single Family	470	210	4,361	339	85	254	423	267	156	332	83	249	415	262	153	
1 a	Retail Lot 1 Total	28,000		7,557	223	114	109	320	158	162	87	46	41	122	60	62	
	Retail Sub-Total	24,500	820	1,046	24	15	9	91	44	47	23	14	9	55	27	29	
	Convenience Store w/ Gas	12	853	6,511	199	99	100	229	114	115	64	32	32	67	33	33	
1 b	Townhome	45	230	321	27	5	22	31	21	10	26	5	22	30	21	10	
1 c	Multi-Family	298	220	1,929	150	30	120	182	118	64	147	29	118	178	116	63	
	MUD 1 Total			14,168	739	234	505	956	564	392	593	164	429	745	458	287	
2 a	Elementary School	800	520	1,032	360	200	160	120	56	64	288	160	128	96	45	51	
2 b	Retail	23,700	820	2,664	65	40	25	228	110	118	62	38	24	82	40	42	
2 c	Office	30,700	710	535	74	65	9	113	19	94	71	62	9	109	18	90	
2 d	Retail Center			12,329	455	240	215	698	343	355	229	126	103	280	138	142	
	Fast Food w/ Drive-Thru	3,500	934	1,736	159	81	78	114	59	55	73	37	36	50	26	24	
	Gas Station w/Convenience Store	12	853	6,511	199	99	100	229	114	115	64	32	32	67	33	33	
	Retail	45,700	820	4,082	97	60	37	355	170	185	92	57	35	163	79	85	
2 e	Retail Center	37,600		3,596	86	53	33	311	149	162	82	50	31	134	65	70	
2 f	Multi-Family	200	220	1,336	102	20	82	128	83	45	100	20	80	125	81	44	
2 g - h	Townhome	145	230	889	70	12	58	82	55	27	69	12	57	80	54	26	
	Single Family West	134	210	1,375	104	26	78	137	86	51	102	25	76	134	84	50	
	Single Family East	592	210	5,393	424	106	318	521	328	193	420	105	315	516	325	191	
	MUD 2 Total			29,149	1,740	762	978	2,338	1,229	1,109	1,422	599	823	1,557	849	707	
	Single Family	439	210	4,096	317	79	238	398	251	147	311	77	233	390	246	144	
3 a	Townhome	167	230	1,005	78	13	65	92	61	31	76	13	64	90	60	30	
3b - e	Townhome	354	230	1,932	142	24	118	169	114	55	139	24	116	166	112	54	
3 f - g	Townhome	255	230	1,452	109	19	90	130	87	43	107	19	88	127	85	42	
3 j	Elem School	800	520	1,032	360	200	160	120	56	64	288	160	128	96	45	51	
3 k	Retail	16,900	820	2,138	53	33	20	182	87	95	50	31	19	54	26	28	
3 l	Office	37,900	710	628	88	77	11	121	21	100	85	74	11	116	20	96	
3 m	Multi-Family	418	220	2,657	209	42	167	248	161	87	205	41	164	243	158	85	
	MUD 3 Total			14,940	1,356	487	869	1,460	838	622	1,261	439	822	1,282	751	531	
4 a - c	Commercial Office	129,400	710	19,458	809	521	288	1,423	622	801	568	395	173	859	349	510	
	Gas Station w/Convenience Store	12	853	1,597	235	207	28	223	38	185	226	199	27	214	36	178	
	Fast Food w/ Drive-Thru	3,500	934	6,511	199	99	100	229	114	115	64	32	32	67	33	33	
	Retail	170,700	820	9,614	216	134	82	857	411	446	205	127	78	528	253	275	
4 d	Retail Lot 1 (S)	23,260	820	2,632	64	40	24	225	108	117	61	38	23	80	39	41	
4 e	Retail Lot 2 (N)	26,600	820	2,872	70	43	27	247	118	129	67	41	26	93	44	49	
4 f	Multi-Family	303	220	1,960	152	30	122	184	120	64	149	29	120	180	118	63	
4 g - h	Townhome	194	230	1,145	88	15	73	104	69	35	86	15	72	102	68	34	
	SF Central	531	210	4,879	381	95	286	472	297	175	373	93	280	463	291	172	
	SF North	305	210	2,930	223	56	167	287	181	106	219	55	164	281	177	104	
	MUD 4 Total			35,876	1,787	800	987	2,942	1,515	1,427	1,522	666	856	2,058	1,086	972	
	Sun Chase Total			94,133	5,622	2,283	3,339	7,696	4,146	3,550	4,798	1,867	2,930	5,642	3,144	2,495	

* Data taken from Trip Generation, 9th Ed., Institute of Transportation Engineers. All residential uses are shown as number of dwelling units.square feet.
Convenience store is shown as number of fueling stations. All other uses are shown as gross square feet.

EXHIBIT "B"

Phase Roadway Improvements

Ph.	Location	Improvement	Total Cost	Site %	Site Cost
1A	Sun Chase Pkwy./Pearce Ln.	Traffic signal	\$165,000.00	1.000	\$165,000.00
	SH 71/Wolf Ln.	Traffic Signal	\$165,000.00	0.117	\$19,305.00
	Phase 1A Sub-Total		\$330,000.00		\$184,305.00
1B	Ross Rd. (East)/Pearce Ln./Los Cielos Blvd.	WB right turn lane	\$8,503.00	0.470	\$3,996.41
		EB right turn lane	\$8,503.00	0.470	\$3,996.41
		NB right turn lane	\$3,080.00	0.470	\$1,447.60
	Wolf Ln./Pearce Ln.	EB widened for 3 lanes	\$21,945.00	0.602	\$13,210.89
		WB widened for 3 lanes	\$21,945.00	0.602	\$13,210.89
	Sweet Pea Dr./Pearce Ln.	Traffic signal	\$165,000.00	1.000	\$165,000.00
	Phase 1B Sub-Total		\$228,976.00		\$200,862.20
2	SH 71/Wolf Ln.	EB SH 71 right turn lane	\$90,128.50	1.000	\$90,128.50
		WB SH 71 dual left turn lanes	\$167,640.00	1.000	\$167,640.00
		NB Wolf Lane widened to 4 approach lanes	\$82,830.00	1.000	\$82,830.00
	Linden Ln.	Traffic signal	\$165,000.00	0.754	\$124,410.00
	Ross Rd. (West)/Pearce Ln.	NB widened for separate L-R movements	\$28,215.00	0.538	\$15,179.67
		Traffic signal	\$165,000.00	0.538	\$88,770.00
	Ross Rd. (East)/Pearce Ln./Los Cielos Blvd.	WB right turn lane	\$16,775.00	0.471	\$7,901.03
		EB right turn lane	\$16,775.00	0.471	\$7,901.03
	Misu Dr./Wolf Ln.	Traffic signal	\$165,000.00	1.000	\$165,000.00
	Waterton Wave Dr./Wolf Ln.	Traffic signal	\$165,000.00	1.000	\$165,000.00
	Wateree Dr./Wolf Ln.	Traffic signal	\$165,000.00	1.000	\$165,000.00
	Wolf Ln./Pearce Ln.	EB dual left turn lanes	\$24,310.00	0.602	\$14,634.62
		WB widened to 5 lanes	\$24,310.00	0.602	\$14,634.62
		NB widened to 2 lanes	\$16,775.00	0.602	\$10,098.55
		NB 2 acceleration lanes with tapers	\$38,335.00	0.602	\$23,077.67
		SB widened to 5 lanes	\$33,165.00	0.602	\$19,965.33
	Phase 2 Sub-Total		\$1,364,258.50		\$1,162,171.01
	Total		\$1,923,234.50		\$1,547,338.21

* Does not include improvements contractually obligated under the terms of the agreement with Travis County.

VS 11.3.09

Den 9.C

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AGM

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SUN CHASE PHASING AGREEMENT

STATE OF TEXAS §
COUNTY OF TRAVIS §

2009 NOV -4 PM 12:04

THIS SUN CHASE PHASING AGREEMENT (this "Agreement") is made and entered into by and between Qualico CR, LP (the "Developer") and Travis County, Texas (the "County"), hereinafter collectively referred to as the "Parties", for the purposes and consideration stated herein.

Recitals

WHEREAS, the Developer has submitted to the County and the City of Austin (the "City") an application for approval of three preliminary subdivision plans for the subdivisions known as Sun Chase South (C8J-2008-0176) ("Sun Chase South"), Sun Chase Phase 1 (C8J-2008-0212) ("Sun Chase Phase 1") and Sun Chase Phase 2 (C8J-2008-0239) ("Sun Chase Phase 2") collectively, the "Preliminary Plans" for the development and subdivision in phases of an approximately 1,604 acre tract, which is described in Exhibit "A", attached hereto and made a part hereof (the "Property");

WHEREAS, subject to the terms of this Agreement, the Preliminary Plans meet all County, City and State of Texas subdivision requirements;

WHEREAS, development of the Property will impact traffic on the public roadway network adjacent to the Property;

WHEREAS, the Capitol Area Metropolitan Planning Organization's CAMPO 2030 Plan contemplates that it will be necessary to:

1. extend a four lane minor arterial named Sun Chase Parkway (referred to as Arterial C/Four Daughters Road in the 2030 CAMPO Plan) through the Property as shown on the Preliminary Plans of Sun Chase South and Sun Chase Phase 1 to accommodate the traffic that will be generated by development in the area, including the development of the Property (the "Sun Chase Parkway Extension"); and
2. improve the existing two lane minor arterials, Pearce Lane and Wolf Lane, to four lane major arterials divided (the "Pearce Lane and Wolf Lane Boundary Street Improvements");

WHEREAS, the County's and City's Austin/Travis County Subdivision Regulations ("Chapter 30") provide that an owner subdividing property may be required to dedicate right-of-way for and construct arterial roads in the CAMPO 2030 Plan;

WHEREAS, the Developer is only required to make such right-of-way dedications and construct such roadways to the extent that same are roughly proportional to the impact on the public roadways generated by the proposed development shown in the Preliminary Plans;

WHEREAS, the Developer and the County desire to provide for the orderly development of the Property, including the alignment and construction of the Sun Chase Parkway Extension, and the Pearce Lane and Wolf Lane Boundary Street Improvements which will provide safe and efficient access both to and through the Property; and

WHEREAS, the Developer and the County desire to establish a process to coordinate the extension of Sun Chase Parkway and the boundary street improvements for Pearce Lane and Wolf Lane with the phased development of the Property and to set forth their agreements on (i) the timing of the Sun Chase Parkway Extension, (ii) the timing of improvements to the intersections of new subdivision roadways within the Property to the Pearce Lane and Wolf Lane Boundary Street Improvements as shown on the Preliminary Plans that are necessary for safe movement of traffic between Pearce Lane and Wolf Lane and the Property, as reasonably determined by the County in accordance with County regulations (the "Intersection Improvements"), and (iii) the timing for the construction of an emergency access road for Sun Chase South;

Agreement

NOW, THEREFORE, in consideration of these premises and the mutual promises contained herein, the Parties agree as follows:

- 1) The Developer may submit final subdivision plats for portions of the Property in phases (each a "Phase"). The Developer will be responsible for the construction of only one-half (1/2) of the Sun Chase Parkway Extension which will be constructed in phases as provided in this Agreement, in accordance with the schematic attached as Exhibit "B". The Developer is responsible for the construction of the two outer lane including curb, gutter, storm water drainage system and only the sidewalks required on the west side of Sun Chase Parkway. The Developer will not be required to construct the east sidewalks and any portion of the Pearce Lane and Wolf Lane Boundary Street Improvements other than the Intersection Improvements. "
- 2) At intersections of internal roadways with Pearce Lane and Wolf Lane, the Developer will be responsible for intersection improvements which include a dedicated left turn lane, right turn deceleration lane; right turn acceleration lane and roadway widening as needed to accommodate this construction (see Exhibit "C"). In the event that the Sun

Chase Parkway intersection with Pearce Lane is constructed subsequent to Pearce Lane being upgraded from a two lane arterial, dual left turn lanes will be included at both approaches on Pearce Lane."

- 3) The Developer will dedicate, at no cost to the County, (i) the full right-of-way required for the Sun Chase Parkway Extension, not to exceed 86 feet in width, at the location and as shown on the Preliminary Plans, and (ii) one-half (1/2) of the required right-of-way for the Pearce Lane and Wolf Lane Boundary Street Improvements, not to exceed 114 feet in width, for that portion of the Pearce Lane and Wolf Lane Boundary Street Improvements that abut the Property, at the locations and as generally shown on the Preliminary Plans. The portions of the rights-of-way for the Sun Chase Parkway Extension and the Pearce Lane and Wolf Lane Boundary Street Improvements included within the final subdivision plat for each Phase of the Property will be required to be dedicated by plat as a condition to the approval of the final subdivision plat of that Phase. Each dedication will be subject to the Developer's right to install utilities within the dedicated right of way, which right is expressly reserved by the Developer.
- 4) The Developer will be required to post fiscal security, in accordance with Section 30-1-132 of Chapter 30, for that portion of the cost of constructing any portion of the one-half (1/2) of the Sun Chase Parkway Extension and any Intersection Improvements located within the portion of the Property included in each Phase ("Fiscal Security") as a condition of and prior to recordation of the final plat for that Phase.
- 5) If a recorded final plat for any Phase is vacated or cancelled such that the land within that Phase is returned to an unplatted condition, the County will return the Fiscal Security posted with such vacated or cancelled plat(s) to the Developer.
- 6) In consideration for the Developer's agreement to construct one-half (1/2) of the Sun Chase Parkway Extension and the Intersection Improvements and to dedicate right-of-way for the Sun Chase Parkway Extension and the Pearce Lane and Wolf Lane Boundary Improvements, the County agrees that the Developer will not be obligated to make any other improvements to or upgrades of the Sun Chase Parkway Extension, Pearce Lane or Wolf Lane.
- 7) The Travis County Fire Marshal's Office has approved Sections 1 and 2 of Sun Chase South with a single access drive. At the time of future development of Sun Chase South which increases the traffic generated beyond that generated by the development of Sections 1 and 2, the Developer agrees to provide a second access drive or an approved emergency drive as shown on Exhibit "D".
- 8) Subject to the Developer's compliance with this Agreement, Chapter 30 and other applicable subdivision requirements, the County agrees to approve final subdivision plats of Phases of the Property which are submitted by Developer and are consistent with this

Agreement.

- 9) The County and its officers, employees, and successors and assigns will not be responsible for and shall be held harmless by the Developer from any claims, losses, damages, causes of action, suits and liability of any kind for personal injury or death or damage to property arising out of or in connection with any actions by or negligence of the Developer in the performance of its obligations under the terms of this Agreement.
- 10) In the event that the Property is annexed into the corporate limits of the City, the County may assign its rights and obligations under this Agreement to the City.

11) Miscellaneous.

- a. Beneficiaries. This Agreement will be binding upon and inure to the benefit of the Parties and their successors and assigns.
- b. Restrictive Covenant. This Agreement touches and concerns real property located in Travis County, Texas, and constitutes a covenant running with the land which constitutes the Property which will be binding upon each owner of all or any portion of the Property. The Parties hereto agree that, upon conveyance of all or any portion of the Property in an undeveloped condition, the rights, duties, privileges and obligations hereunder shall be transferred to the subsequent owner of the Property or portion thereof upon delivery of a deed thereto, and the prior owner shall be released of any further obligations, liability or responsibility hereof. Upon the Developer's completion of the portion of the Sun Chase Boulevard Extension and the Intersection Improvements within each Phase out of the Property, this Agreement, and the covenant created by this subsection, will terminate as to that Phase. This Agreement will not be deemed or construed to create any obligation upon any purchaser of a fully developed lot or lots out of the Property.
- c. Amendment to Agreement. Any revision, modification, or amendment of this Agreement will be effective only when reduced to writing and signed by the Parties or their respective successors and assigns. NO OFFICIAL, AGENT, OR EMPLOYEE OF THE COUNTY HAS ANY AUTHORITY; EITHER EXPRESS OR IMPLIED, TO AMEND OR MODIFY THIS AGREEMENT EXCEPT PURSUANT TO SUCH EXPRESS AUTHORITY AS MAY BE DELEGATED BY THE COMMISSIONERS COURT.
- d. Assignment by the Developer. The rights, duties, and responsibilities of the Developer may be assigned separate and apart from a conveyance of the Property only with the consent of the County, which will not be unreasonably withheld, conditioned or unduly delayed.

- e. Entire Agreement. This is the entire agreement between the Parties with respect to the subject matter hereof. As of this date, there are no other agreements or representations, oral or written, between the Parties in conflict with this Agreement.
- f. Notice. Any notices hereunder will be in writing and addressed to the respective party at the address set forth below for such party, (i) by personal delivery, (ii) by U.S. Mail, certified or registered, return receipt requested, postage prepaid, or (iii) by FedEx or other nationally recognized overnight courier service. Notice deposited in the U.S. Mail in the manner hereinabove described will be effective on the earlier of the date of actual receipt or three days after the date of such deposit. Notice given in any other manner shall be effective only if and when received by the party to be notified.

Developer: Qualico CR, LP
c/o Vera Massaro
7940 Shoal Creek Blvd., Suite 201
Austin, Texas 78757

Copy to: Sue Brooks Littlefield
Armbrust & Brown, L.L.P.
100 Congress Ave., Ste. 1300
Austin, Texas 78701

Travis County: Joe Gieselman (or successor)
Executive Manager, TNR
P.O. Box 1748
Austin, Texas 78767

Copy to: David Escamilla (or successor)
Travis County Attorney
P.O. Box 1748
Austin, Texas 78767
Attention: File No. 163.1631

The Parties may from time-to-time change their respective addresses by written notice to the other party.

- g. Applicable Law and Venue. This Agreement shall be governed by the laws of the State of Texas, concerns real property located in Travis County, and is wholly performable in Travis County, Texas.

- h. Severability. If any of the provisions of this Agreement are held by any court of competent jurisdiction to be invalid or unconstitutional for any reason, the remainder of this Agreement will not be affected thereby and this Agreement shall be construed as if such invalid or unconstitutional portion had never been contained herein.
- i. Number and gender. All terms or words used in this Agreement, regardless of the number or gender in which they are used, shall be deemed to include any other number or gender as the context may require.
- j. Execution; Counterparts. To facilitate execution, this Agreement may be executed in any number of counterparts, and it will not be necessary that the signatures of all Parties be contained on any one counterpart. Additionally, for purposes of facilitating the execution of this Agreement: (a) the signature pages taken from separate, individually executed counterparts of this Agreement may be combined to form multiple fully executed counterparts; and (b) a facsimile signature will be deemed to be an original signature for all purposes. All executed counterparts of this Agreement will be deemed to be originals, but all such counterparts, when taken together, will constitute one and the same instrument.
- k. Effective Date. This Agreement is effective upon execution by both Parties.

DEVELOPER:

QUALICO CR, LP, a Texas limited partnership

By: Qualico CR Management, LLC, a Texas limited liability company, its General Partner

By: Qualico Developments (U.S.), Inc., its sole Manager

By: [Signature]
Name: VERA MASSARO
Title: ASSISTANT SECRETARY
Date: OCT. 1, 2009

By: [Signature]
Name: BRIAN HIGGINS
Title: ASSISTANT SECRETARY
Date: OCT. 1, 2009

ACKNOWLEDGEMENT

STATE OF TEXAS

COUNTY OF TRAVIS

This instrument was acknowledged before me on the 1ST day of OCTOBER, 2009 by VERA MASSARO -
ASST. SECRETARY of Qualico Developments (U.S.), Inc., sole manager of Qualico CR Management, LLC, a Texas limited liability company, general partner of Qualico CR, LP, a Texas limited partnership, on behalf of said limited liability company and limited partnership.

Notary Public, State of Texa



ACKNOWLEDGEMENT

STATE OF TEXAS

COUNTY OF TRAVIS

This instrument was acknowledged before me on the 1st day of October, 2009, by Benot Hagar, ~~Asst. Secretary~~ of Qualico Developments (U.S.), Inc., sole manager of Qualico CR Management, LLC, a Texas limited liability company, general partner of Qualico CR, LP, a Texas limited partnership, on behalf of said limited liability company and limited partnership.

Notary Public, State of Texas



COUNTY:

TRAVIS COUNTY, TEXAS

By: Samuel T. Biscoe

Samuel T. Biscoe

Travis County Judge

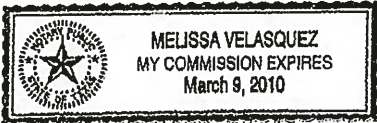
Date: 11-03-04

ACKNOWLEDGEMENT

STATE OF TEXAS

COUNTY OF TRAVIS

This instrument was acknowledged before me on the 3 day of November,
2004, by Samuel T. Biscoe, County Judge of Travis County, Texas, in the capacity stated.



Melissa Velasquez
Notary Public, State of Texas

AFTER RECORDING, RETURN TO:

Travis County, Texas
Attn: Transportation and Natural Resources Department
P.O. Box 1748
Austin, Texas 78767

FIELD NOTES
TRACT 1

BEING ALL OF THAT CERTAIN TRACT OF LAND OUT OF AND A PART OF THE JOSE ANTONIO NAVARRO SURVEY, ABSTRACT 18, SITUATED IN TRAVIS COUNTY, TEXAS, SAID TRACT OF LAND BEING MORE PARTICULARLY DESCRIBED AS BEING ALL OF THAT CERTAIN 316.311 ACRE TRACT OF LAND CONVEYED TO CENTURY RANCH I, L.P., IN DOCUMENT NUMBER 2006024368, OF THE OFFICIAL PUBLIC RECORDS OF TRAVIS COUNTY, TEXAS, AND ALL OF THAT CERTAIN 295.151 ACRE TRACT OF LAND CONVEYED TO ROBERT WALTER DANZ, SR., IN VOLUME 12519, PAGE 486 OF THE DEED RECORDS OF TRAVIS COUNTY, TEXAS, AND ALL OF THAT CERTAIN 362.872 ACRE TRACT CONVEYED TO BRENDA J. SWINNEY IN VOLUME 12212, PAGE 1411 OF THE DEED RECORDS OF TRAVIS COUNTY, TEXAS, AND ALL OF THAT CERTAIN 98.402 ACRE TRACT CONVEYED TO FOUR SPECIAL DAUGHTERS, L.P., IN DOCUMENT NUMBER 1999100226 OF THE OFFICIAL PUBLIC RECORDS OF TRAVIS COUNTY, TEXAS, AND A PORTION OF THAT CERTAIN 345.90 ACRE TRACT OF LAND CONVEYED TO FOUR SPECIAL DAUGHTERS, L.P., IN DOCUMENT NUMBER 2003129484 AND 2003133841 OF THE OFFICIAL PUBLIC RECORDS OF TRAVIS COUNTY, TEXAS, SAID TRACT OF LAND BEING 1,416.388 ACRES OF LAND MORE FULLY DESCRIBED BY METES AND BOUNDS AS FOLLOWS:

BEGINNING, at an iron rod found in the north right-of-way line of Pearce Lane, a public roadway with a varying width right-of-way, also being the southeast corner of a 2.98 acre tract conveyed to Charles Collins in Volume 7585, Page 951 of the Deed Records of Travis County, Texas, for the southwest corner and **POINT OF BEGINNING** of the herein described tract,

THENCE, with the east line of said Charles Collins tract, N22°16'28"E, a distance of 1672.61 feet to an iron pipe found at the southeast corner of a 230.56 acre tract conveyed to AE Johanson, Ltd., in Document Number 2002143225 of the Official Public Records of Travis County, Texas, for the north corner of said Charles Collins tract, said iron pipe also being the northeast corner of a 46.90 acre tract conveyed to John Kelly and Davie L. Kelly in Volume 9115, Page 669 of the Real Property Records of Travis County, Texas,

THENCE, with the east line of said AE Johanson, Ltd. tract the following two (2) courses and distances numbered 1 and 2,

1. N27°20'48"E, a distance of 492.76 feet to a point and
2. N27°20'09"E, a distance of 493.30 feet to an iron pipe found for the most westerly northwest corner of the herein described tract, also being the southwest corner of a 4.288 acre tract of land conveyed to Heliodoro Reyes and Aquilino Cruz in Document Number 1999049940 of the Official Public Records of Travis County, Texas, from which an iron pipe found bears, S44°38'16"E, a distance of 4.68 feet,

THENCE, with the south line of said Heliodoro Reyes tract, along the south line of Navarro Creek Road, described as 4.40 acres of land partially conveyed in a Street Dedication to the public in Volume 11307, Page 42 of the Real Property Records of Travis County, Texas, and partially conveyed in a Right-Of-Way Dedication to the public in Volume 11307, Page 30 of the Real Property Records of Travis County, Texas, and also along the south line of a 5.016 acre tract conveyed to Raymundo Constancio in Document Number 2002011561, of the Official Public Records of Travis County, Texas, S62°41'21"E, at 418.65 feet passing an iron rod found at the southwest corner of the said Navarro Creek Road and the most southerly southeast corner of the said Heliodoro Reyes tract, at 443.73 feet passing an iron rod found on the south line of said Navarro Creek Road, at 590.70 feet passing an iron rod found in the south line of said Raymundo Constancio tract, for a total distance of 1053.43 feet to an iron rod found at the southeast corner of said Raymundo Canstancio tract, said iron rod found also being in the west line of a 149.50 acre tract conveyed to Danlandco, Ltd. in Volume 12849, Page 602 of the Real Property Records of Travis County, Texas, for the most westerly northeast corner of the herein described tract,

THENCE, with the west line of said Danlandco, Ltd. Tract, S27°16'12"W, at 257.54 feet passing an iron rod found, and at 399.42 feet passing an iron rod found, for a total distance of 420.94 feet to a calculated point in the approximate centerline of Dry Creek, near the southwest corner of said Danlandco, Ltd. tract, for an interior corner of

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TRAVIS COUNTY, TEXAS
TRACT 1 & 2

the herein described tract, and from the calculated point a 22" broken Ash stump bears S54°34'26"E, 25.06 feet and a 17" Elm bears S45°35'23"E, 34.69 feet,

THENCE, with the south line of said 149.50 acre Danlandco, Ltd. Tract, and the south line of a 115.00 acre tract conveyed to Danlandco, Ltd., in Volume 12839, Page 791 of the Real Property Records of Travis County, Texas, said lines being with the meanders of the approximate center line of Dry Creek, the following forty-seven (47) courses and distances numbered 1 through 47,

- (1) S65°52'11"E, a distance of 146.51 feet to a calculated point,
- (2) S78°52'45"E, a distance of 183.75 feet to a calculated point,
- (3) S87°04'30"E, a distance of 94.84 feet to a calculated point,
- (4) N74°52'33"E, a distance of 228.09 feet to a calculated point,
- (5) S71°55'39"E, a distance of 35.48 feet to a calculated point,
- (6) N65°28'54"E, a distance of 109.08 feet to a calculated point,
- (7) S85°58'17"E, a distance of 118.84 feet to a calculated point,
- (8) N79°36'57"E, a distance of 55.58 feet to a calculated point,
- (9) S76°05'41"E, a distance of 184.39 feet to a calculated point,
- (10) N42°02'49"E, a distance of 91.77 feet to a calculated point,
- (11) N70°25'47"E, a distance of 76.81 feet to a calculated point,
- (12) N85°41'37"E, a distance of 87.02 feet to a calculated point,
- (13) S66°58'18"E, a distance of 134.03 feet to a calculated point,
- (14) N62°00'42"E, a distance of 35.56 feet to a calculated point,
- (15) N04°49'48"E, a distance of 83.72 feet to a calculated point,
- (16) N24°49'58"E, a distance of 69.43 feet to a calculated point,
- (17) N63°40'55"E, a distance of 65.81 feet to a calculated point,
- (18) N83°34'57"E, a distance of 59.77 feet to a calculated point,
- (19) S57°51'02"E, a distance of 89.45 feet to a calculated point,
- (20) S81°54'18"E, a distance of 212.36 feet to a calculated point,
- (21) N89°48'04"E, a distance of 79.85 feet to a calculated point,
- (22) N68°48'09"E, a distance of 70.70 feet to a calculated point,
- (23) N32°18'18"E, a distance of 58.65 feet to a calculated point,
- (24) S83°08'38"E, a distance of 68.94 feet to a calculated point,
- (25) N59°25'36"E, a distance of 100.62 feet to a calculated point,
- (26) N30°36'04"E, a distance of 128.12 feet to a calculated point,
- (27) N16°59'56"E, a distance of 108.76 feet to a calculated point,
- (28) N00°18'16"E, a distance of 73.73 feet to a calculated point,
- (29) N28°22'18"W, a distance of 98.35 feet to a calculated point,
- (30) N50°03'12"E, a distance of 134.33 feet to a calculated point,
- (31) N17°07'53"W, a distance of 104.77 feet to a calculated point,
- (32) N17°58'32"E, a distance of 100.64 feet to a calculated point,
- (33) N62°01'43"E, a distance of 80.07 feet to a calculated point,
- (34) N23°05'24"E, a distance of 52.33 feet to a calculated point,
- (35) N02°42'46"W, a distance of 142.46 feet to a calculated point,
- (36) N23°29'54"W, a distance of 96.37 feet to a calculated point,
- (37) N32°44'57"E, a distance of 103.55 feet to a calculated point,
- (38) N24°04'26"E, a distance of 321.89 feet to a calculated point,
- (39) N56°22'04"E, a distance of 270.51 feet to a calculated point,
- (40) N79°08'51"E, a distance of 138.45 feet to a calculated point,
- (41) S60°42'38"E, a distance of 61.41 feet to a calculated point,
- (42) S80°00'53"E, a distance of 190.79 feet to a calculated point,
- (43) S48°03'50"E, a distance of 24.33 feet to a calculated point,
- (44) S79°48'01"E, a distance of 65.40 feet to a calculated point,
- (45) S67°01'03"E, a distance of 186.92 feet to a calculated point,
- (46) S09°51'34"E, a distance of 47.71 feet to a calculated point and
- (47) S20°33'35"W, a distance of 28.59 feet to a calculated point in the approximate center line of said Dry Creek,

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THENCE, with the east line of said 115.00 acre Danlandco, Ltd. Tract, N27°39'15"E, a distance of 152.76 feet to a calculated point at the southwest corner of a 130.50 acre tract conveyed to John Richards III, in Volume 2807, Page 382 of the Real Property Records of Travis County, Texas,

THENCE, with the south line of said John Richards III tract the following seven (7) courses and distances numbered 1 through 7,

- (1) S69°10'47"E, a distance of 687.67 feet to a calculated point,
- (2) S62°30'03"E, a distance of 161.88 feet to a calculated point,
- (3) S61°10'38"E, a distance of 87.12 feet to a calculated point,
- (4) S59°53'21"E, a distance of 223.25 feet to a calculated point,
- (5) S51°14'10"E, a distance of 323.72 feet to a calculated point,
- (6) S50°08'52"E, a distance of 97.37 feet to a calculated point and
- (7) S52°41'23"E, a distance of 263.41 feet to a calculated point on the northwest boundary line of a 93.26

acre tract of land conveyed to Amye Mae Haws Living Trust in Volume 13365, Page 526 of the Real Property Records of Travis County, Texas,

THENCE, with the western line of said Amye Mae Haws Living Trust tract, S27°26'16"W, a distance of 318.71 feet to a calculated point,

THENCE, with the southern line of said Amye Mae Haws Living Trust tract the following nine (9) courses and distances, numbered 1 through 9,

- (1) N75°19'19"E, a distance of 33.40 feet to a calculated point,
- (2) N74°59'38"E, a distance of 231.78 feet to a calculated point,
- (3) N87°19'49"E, a distance of 97.84 feet to a calculated point,
- (4) N65°09'08"E, a distance of 331.76 feet to a calculated point,
- (5) N54°26'47"E, a distance of 893.89 feet to a calculated point,
- (6) N81°47'24"E, a distance of 654.16 feet to a calculated point,
- (7) N16°08'07"W, a distance of 200.20 feet to a calculated point,
- (8) N71°43'37"E, a distance of 216.98 feet to a calculated point and
- (9) S67°15'25"E, a distance of 246.43 feet to a calculated point at the southeast corner of said Amye Mae Haws Living Trust tract also being on the west boundary line of a 148.23 acre tract conveyed to Morris L. Krauss, et ux., in Volume 838, Page 188 of the Real Property Records of Travis County, Texas,

THENCE, with the western line of said Morris L. Krauss, et ux., tract, S29°46'38"W, a distance of 1015.44 feet to a calculated point,

THENCE, with the southern line of said Morris L. Krauss tract the following two (2) courses and distances, numbered 1 and 2,

- (1) S63°19'24"E, a distance of 2670.35 feet to a calculated point and
- (2) S63°21'31"E, a distance of 2403.99 feet to a calculated point on the west right-of-way line of Wolf Lane, also being located at the south corner of said Morris L. Krauss, et ux., tract, for the east corner of the herein described tract,

THENCE, with the fenced west right-of-way line of said Wolf Lane, the following nine (9) courses and distances, numbered 1 through 9,

- (1) S28°41'05"W, a distance of 93.30 feet to a calculated point,
- (2) S28°01'16"W, a distance of 387.32 feet to a calculated point,
- (3) S27°56'22"W, a distance of 289.74 feet to a calculated point,
- (4) S27°35'22"W, a distance of 341.84 feet to a calculated point,
- (5) S27°21'56"W, a distance of 191.88 feet to a calculated point,
- (6) S26°52'52"W, a distance of 541.29 feet to a calculated point,
- (7) S27°04'44"W, a distance of 1,120.79 feet to a calculated point,
- (8) S27°32'04"W, a distance of 329.70 feet to a calculated point,

(9) S27°38'13"W, a distance of 195.47 feet to a calculated point at the east corner of an easement conveyed to the Lower Colorado River Authority by Patrick R. Donnelly and wife, Jerrell Mae Donnelly in Volume 11775, Page 20 of the Real Property Records of Travis County, Texas,

THENCE, continuing with the west right-of-way line of said Wolf Lane, being also the east line of said Lower Colorado River Authority Easement, S27°17'41"W, at 51.2 feet passing an electrical transmission line, in all a distance of 103.86 feet to a calculated point, at the south corner of said Lower Colorado River Authority Easement,

THENCE, continuing with the west right-of-way line of said Wolf Lane, S27°06'59"W, a distance of 2,054.81 feet to a calculated point, on the approximate Travis County and Bastrop County line,

THENCE, with the approximate Travis County and Bastrop County line, S39°29'21"W, a distance of 825.89 feet to a calculated point on the north right-of-way line of said Pearce Lane, also being located at the northwest corner of a certain tract of land described as being 0.145 acres of land conveyed to TXDOT for road widening purposes recorded in Volume 1039, Page 333 of the Official Records of Bastrop County, Texas,

THENCE, with the west line of said TXDOT tract S39°14'43"W, a distance of 14.61 feet to a calculated point, at the west corner of said TXDOT tract, also being located along the north line of a certain tract of land described as being 0.618 acres conveyed to Travis County, Texas for road widening purposes in Volume 12280, Page 943 of the Real Property Records of Travis County, Texas, also being in the new north right-of-way line of said Pearce Lane for the south line of the herein described tract,

THENCE, continuing with the new north right-of-way line of said Pearce Lane, the following six (6) courses and distances, numbered 1 through 6,

- (1) with curve to the left that has a radius of 2,576.23 feet, an arc length of 451.04 feet, a chord length of 450.46 feet and a chord bearing of N46°34'33"W, to a calculated point,
- (2) N51°35'30"W, a distance of 194.13 feet to a calculated point at a point of curvature to the left,
- (3) with said curve to the left that has a radius of 8,327.42 feet, a length of 502.55 feet, a chord of 502.48 feet, and a chord bearing of N53°20'29"W, to a calculated point,
- (4) N55°04'13"W, a distance of 181.97 feet to a calculated point at a point of curvature to the left,
- (5) with said curve to the left that has a radius of 3,174.03 feet, an arc length of 506.12 feet, a chord of 505.58 feet, and a chord bearing of N59°48'40"W, to a calculated point,
- (6) N64°22'45"W, a distance of 434.43 feet to a calculated point,
- (7) N64°19'15"W, a distance of 92.93 feet to a calculated point at a point of curvature to the left,
- (8) with said curve to the left that has a radius of 9,419.72 feet, an arc length of 502.24 feet, a chord of 502.18 feet, and a chord bearing of N65°59'24"W, to a calculated point,
- (9) N67°38'41"W, a distance of 186.74 feet to a calculated point at a point of curvature to the right,
- (10) with said curve to the right that has a radius of 1,329.27 feet, an arc length of 478.34 feet, a chord of 475.76 feet, and a chord bearing of N57°19'42"W, to a calculated point,
- (11) N47°00'32"W, a distance of 562.30 feet to a calculated point at a point of curvature to the left,
- (12) with said curve to the left that has a radius of 1,734.28 feet, an arc length of 501.54 feet, a chord of 499.79 feet, and a chord bearing of N55°27'23"W, to a calculated point,
- (13) N63°58'45"W, a distance of 167.98 feet to a calculated point at a point of curvature to the right,
- (14) with said curve to the right that has a radius of 6,994.05 feet, an arc length of 222.75 feet, a chord of 222.74 feet, and a chord bearing of N63°26'01"W, to a calculated point,
- (15) N63°00'48"W, a distance of 183.67 feet to a calculated point,
- (16) N62°50'18"W, a distance of 259.97 feet to a calculated point,
- (17) N62°24'59"W, a distance of 199.34 feet to a calculated point,
- (18) N61°59'58"W, a distance of 807.17 feet to a calculated point at a point of curvature to the right,
- (19) with said curve to the right that has a radius of 7,861.27 feet, an arc length of 292.21 feet, a chord of 292.20 feet, and a chord bearing of N60°55'19"W, to a calculated point,
- (20) N59°52'27"W, a distance of 419.81 feet to a calculated point at a point of curvature to the left,
- (21) with said curve to the left that has a radius of 6,565.50 feet, an arc length of 91.90 feet, a chord of 91.90 feet, and a chord bearing of N60°16'30"W, to a calculated point,

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TRACT 1 & 2

- (22) with a curve to the left that has a radius of 6565.50 feet, an arc length of 461.42 feet, a chord length of 461.32 feet and a chord bearing of N62°41'22"W, to an iron rod found,
(23) N64°43'45"W, a distance of 536.71 feet to a calculated point and
(24) N64°43'44"W, a distance of 394.63 feet to an iron rod found at the southeast corner of said Century Ranch I, L.P. tract, also being the southwest corner of said 290.812 acre Qualico CR. L.P., tract,

THENCE, continuing with the north right-of-way line of said Pearce Lane and the south line of said Century Ranch I, L.P., tract the following seven (7) courses and distances, numbered 1 through 7,

- (1) N64°40'44"W, a distance of 1194.42 feet to an iron rod found,
- (2) N85°36'44"W, a distance of 13.29 feet to an iron rod found,
- (3) N07°39'01"E, a distance of 5.00 feet to an iron rod found,
- (4) N64°36'43"W, a distance of 245.18 feet to an iron rod found,
- (5) with a curve to the right that has a radius of 9757.39 feet, an arc length of 498.25 feet, a chord length of 498.19 feet and a chord bearing of N62°54'51"W, to an iron rod found,
- (6) N61°02'28"W, a distance of 1090.04 feet to an iron rod found and
- (7) with a curve to the right that has a radius of 5314.70 feet, an arc length of 79.60 feet, a chord length of 79.60 feet and a chord bearing of N60°39'14"W, to an iron rod found for the southeast corner and **POINT OF BEGINNING** of the herein described tract, containing 1,416.388 acres of land.

FIELD NOTES TRACT 2

BEING ALL OF THAT CERTAIN TRACT OF LAND OUT OF AND A PART OF THE JOSE ANTONIO NAVARRO SURVEY, ABSTRACT 18, SITUATED IN TRAVIS COUNTY, TEXAS, SAID TRACT OF LAND BEING MORE PARTICULARLY DESCRIBED AS BEING ALL OF THAT CERTAIN 95.723 ACRE TRACT OF LAND CONVEYED TO FOUR SPECIAL DAUGHTERS, L.P., AND ALL OF THAT CERTAIN 92.204 ACRE TRACT OF LAND CONVEYED TO FOUR SPECIAL DAUGHTERS, L.P., AS RECORDED IN VOLUME 12819, PAGE 67 OF THE REAL PROPERTY RECORDS OF TRAVIS COUNTY, TEXAS, SAID TRACT OF LAND BEING 187.720 ACRES OF LAND MORE FULLY DESCRIBED BY METES AND BOUNDS AS FOLLOWS:

BEGINNING, at an iron rod found at the northeast corner of said Four Special Daughters tract, also being the northwest corner of Timber Hills Subdivision, a subdivision recorded in Book 72, Page 21 of the Plat Records of Travis County, Texas (P.R.T.C.TX.), also being a point located in the southern right-of-way of Pearce Lane, a public roadway, for the northeast corner and **POINT OF BEGINNING** of the herein described tract,

THENCE, with the common boundary line of said Timber Hills Subdivision and said Four Special Daughters Tract, the following six (6) courses and distances, numbered 1 through 6,

1. S30°43'03"W, a distance of 259.21 feet to an iron rod found,
2. S30°20'24"W, a distance of 1900.84 feet to an iron rod found,
3. S30°25'34"W, a distance of 763.63 feet to an iron rod found,
4. S30°34'41"W, a distance of 624.68 feet to an iron rod found,
5. S30°29'37"W, a distance of 262.58 feet to an iron rod found, and
6. S30°01'50"W, a distance of 252.18 feet to an iron pipe found for the southeast corner of said Four Special Daughters Tract, the westernmost southwest corner of said Timber Hills Subdivision, also being a point on the northern boundary line of a 67.7 acre tract of land

1,604.108 ACRES
JOSE ANTONIO NAVARRO SURVEY, ABS. NO. 18
TRAVIS COUNTY, TEXAS
TRACT 1 & 2

conveyed to Billy J. Cannady, et ux, recorded in Volume 8080, Page 452 of the Deed Records of Travis County, Texas (D.R.T.C.TX.), also being the southwest corner of the herein described tract,

THENCE, with the common boundary line of said Four Special Daughters and said Cannady tract, the following two (2) courses and distances, numbered 1 and 2,

1. N60°17'53"W, a distance of 214.78 feet to an iron pipe found, and
2. N59°40'08"W, a distance of 814.31 feet to an iron pipe found for the southwest corner of said Four Special Daughters tract, also being a point on the northern boundary line of said Cannady tract, also being the southeast corner of a 92.204 acre tract of land conveyed to Four Special Daughters, L.P., recorded in Volume 12819, Page 67 of the R.P.R.T.C.TX., also being the southwest corner of the herein described tract,

THENCE, with the common boundary line of said Cannady and 92.204 Four Special Daughters tracts, N59°37'50"W, a distance of 121.87 feet to an iron rod found, said iron rod being the northwest corner of said Cannady tract and also being the northeast corner of a 25 acre tract of land conveyed to Bernard E. Stratman, Jr. in Volume 4488, Page 1362 of the (D.R.T.C.TX.),

THENCE, with the common boundary line of said 92.204 acre Four Special Daughter tract and said Stratman tract, N59°38'54"W, a distance of 876.13 feet to an iron pipe found, said iron pipe being the northwest corner of said Stratman tract and also being the northeast corner of 25.62 acre tract of land conveyed to Marian Sue Richards in Volume 11979, Page 159, of the (R.P.R.T.C.TX.), said iron pipe also being the southeast corner of a 46.041 acre tract of land conveyed to Brenda J. Sweeney, Trustee, in Volume 12274, Page 2000 of the (R.P.R.T.C.TX.), for the southwest corner of the herein described tract,

THENCE, with the common boundary line of said 92.204 acre Four Special Daughters tract and said Sweeney tract, N30°28'27"E, a distance of 4000.33 feet to an iron rod found, said iron rod being the northwest corner of said 92.204 acre Four Special Daughters tract, said iron rod also being the northeast corner of said Sweeney tract, said iron rod also being a point on the southern right-of-way of said Pearce Lane, for the northwest corner of the herein described tract,

THENCE, with the southern right-of-way of said Pearce Lane, and the northern boundary line of said 92.204 acre Four Special Daughters tract, S61°54'43"E, a distance of 1000.59 feet to the northwest corner of said 95.723 acre Four Special Daughters tract, also being the northeast corner of said 92.204 acre Four Special Daughters tract, also being a point on the southern right-of-way of said Pearce Lane, for the northwest corner of the herein described tract,

THENCE, with the southern right-of-way of said Pearce Lane, and the northern boundary line of said 95.723 acre Four Special Daughters tract, the following two (2), courses and distances, numbered 1 and 2,

1. S61°54'43"E, a distance of 571.98 feet to an iron rod found at a point of curvature to the right, and
2. with said curve to the right, having a radius of 6411.14 feet, an arc length of 451.25, and whose chord bears, S60°04'26"E, a distance of 451.16 feet to the **POINT OF BEGINNING**, and containing 187.720 acres of land.

Prepared by: Carlson, Brigrance and Doering, Inc., 5501 West William Cannon, Austin, TX 78749

WEST ROW

PROP. 6' SIDEWALK BY DEVELOPER OR BUILDER

PHASE 1
14.5' OF PVMT
W/ CURB & GUTTER
ON WEST SIDE

EOP

FUTURE 29' OF PVMT
BY TRAVIS COUNTY

58' ULTIMATE WIDTH

86' ROW

CL ROW

EOP

PHASE 1
14.5' OF PVMT
W/ CURB & GUTTER
ON EAST SIDE

FUTURE 6' SIDEWALK BY TRAVIS COUNTY

EAST ROW

EXHIBIT "B"

SUNCHASE SUBDIVISION
SUNCHASE PARKWAY EXHIBIT

1"=10'



Carlson, Brigrance & Doering, Inc.

Civil Engineering ♦ Surveying
5501 West William Cannon Drive ♦ Austin, Texas 78749
Phone No. (512) 280-5160 ♦ Fax No. (512) 280-5165

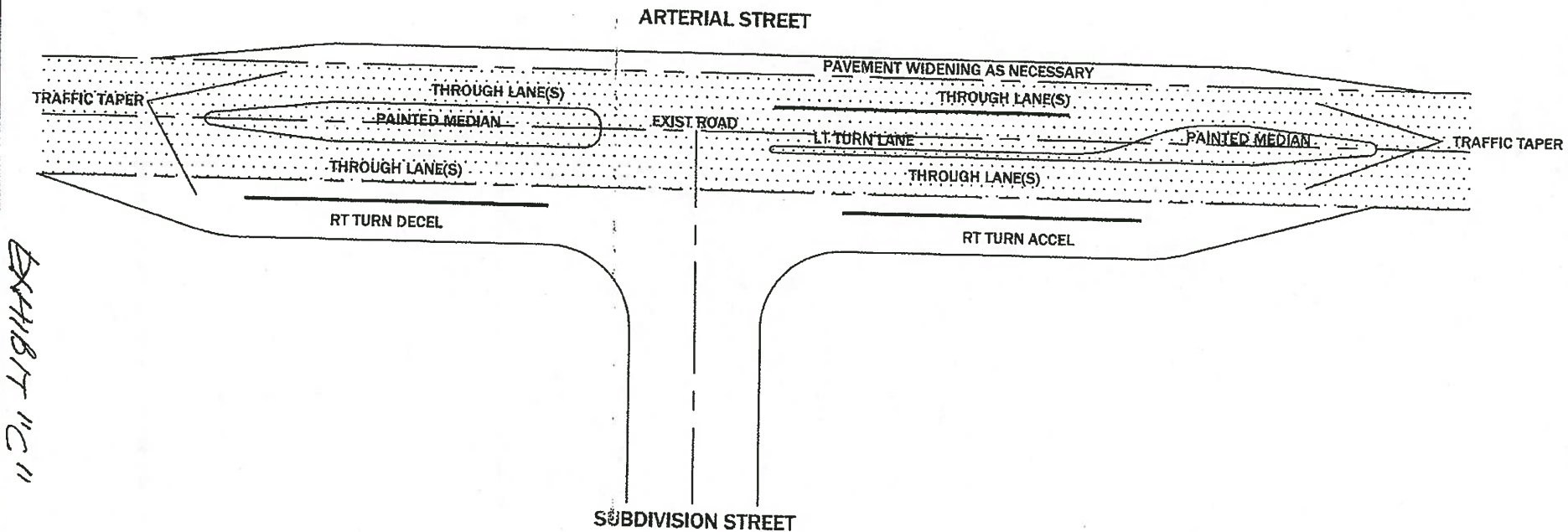


EXHIBIT "C"

**SUNCHASE SUBDIVISION
INTERSECTION IMPROVEMENTS**
NTS

Carlson, Brigrance & Doering, Inc.

Civil Engineering ♦ Surveying
 5501 West William Cannon Drive ♦ Austin, Texas 78749
 Phone No. (512) 280-5160 ♦ Fax No. (512) 280-5165

After Recording Return
to: Joe Arriaga &
Gill Porter

TRANSPORTATION &
NATURAL RESOURCES
411 W. 13TH STREET
EXECUTIVE OFFICE BLDG.
P.O. BOX 1748
AUSTIN, TX 78701

FILED AND RECORDED

OFFICIAL PUBLIC RECORDS

Dana DeBeauvoir

2010 Mar 24 12:25 PM 2010040073

HOLMC \$0.00

DANA DEBEAUVOIR COUNTY CLERK

TRAVIS COUNTY TEXAS

EDUCATIONAL IMPACT STATEMENT

School District:



PROJECT NAME: Sun chase PUD

ADDRESS/LOCATION: 15201, 15810, 16070 Pearce Lane

CASE #: C814-2012-0163

CITY COUNCIL DATE: _____

☒ NEW SINGLE FAMILY

☐ DEMOLITION OF MULTIFAMILY

☒ NEW MULTIFAMILY

☐ TAX CREDIT

SF UNITS: 2566

STUDENTS PER UNIT ASSUMPTION: .6

MF UNITS: 760

STUDENTS PER UNIT ASSUMPTION: .8

ELEMENTARY SCHOOL: Del Valle Elementary

RATING: _____

ADDRESS: _____

PERMANENT CAPACITY: 824

% QUALIFIED FOR FREE/REDUCED LUNCH: _____

MOBILITY RATE: _____

ELEMENTARY SCHOOL STUDENTS	Current Population	5- Year Projected Population	5-Year Projected Population (w/ proposed development)
Number	925	1116	2190
% of Permanent Capacity	112	135	266

☐ INCREASE

☐ DECREASE

☐ NO IMPACT

MIDDLE SCHOOL: Del Valle Middle School

RATING: _____

ADDRESS: _____

PERMANENT CAPACITY: 1018

% QUALIFIED FOR FREE/REDUCED LUNCH: _____

MOBILITY RATE: _____

MIDDLE SCHOOL STUDENTS	Current Population	5- Year Projected Population	5-Year Projected Population (w/ proposed development)
Number	883	986	1459
% of Permanent Capacity	87	96	143

☐ INCREASE

☐ DECREASE

☐ NO IMPACT

HIGH SCHOOL: Del Valle High School

RATING: _____

ADDRESS: _____

PERMANENT CAPACITY: 2038

% QUALIFIED FOR FREE/REDUCED LUNCH: _____

MOBILITY RATE: _____

HIGH SCHOOL STUDENTS	Current Population	5- Year Projected Population	5-Year Projected Population (w/ proposed development)
Number	2684	3618	4219
% of Permanent Capacity	132	177	207

☐ INCREASE

☐ DECREASE

☐ NO IMPACT

To select one of the checkboxes above, double click on the box and select "checked" from the default value menu in the middle of the page. Click OK to complete the selection.

IMPACT ON SCHOOLS

Currently all of our elementary schools are at or very near capacity, so any additional housing units will have an educational impact on the district. We will review attendance boundaries next spring and it may become necessary to zone some neighborhoods in that area away from nearby schools to those on the outer edge of the district. Developers need to be aware of this so that they do not give out incorrect or misleading information to potential tenants. Our extra capacity at our middle school and High school has been covered by the use of portable classrooms. This is all based on current facilities.

TRANSPORTATION IMPACT

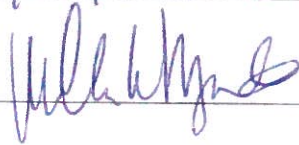
Students within this development would attend Del Valle Elementary, Del Valle Middle School, and Del Valle High School at this time. They would all qualify for Transportation. This would cause a major impact on transportation; several new routes would be needed to transport and thus several new busses will have to be purchased. Another area of impact would be the road infrastructure; narrow two lane roads to this development would become a hazard as the project finished out.

SAFETY IMPACT

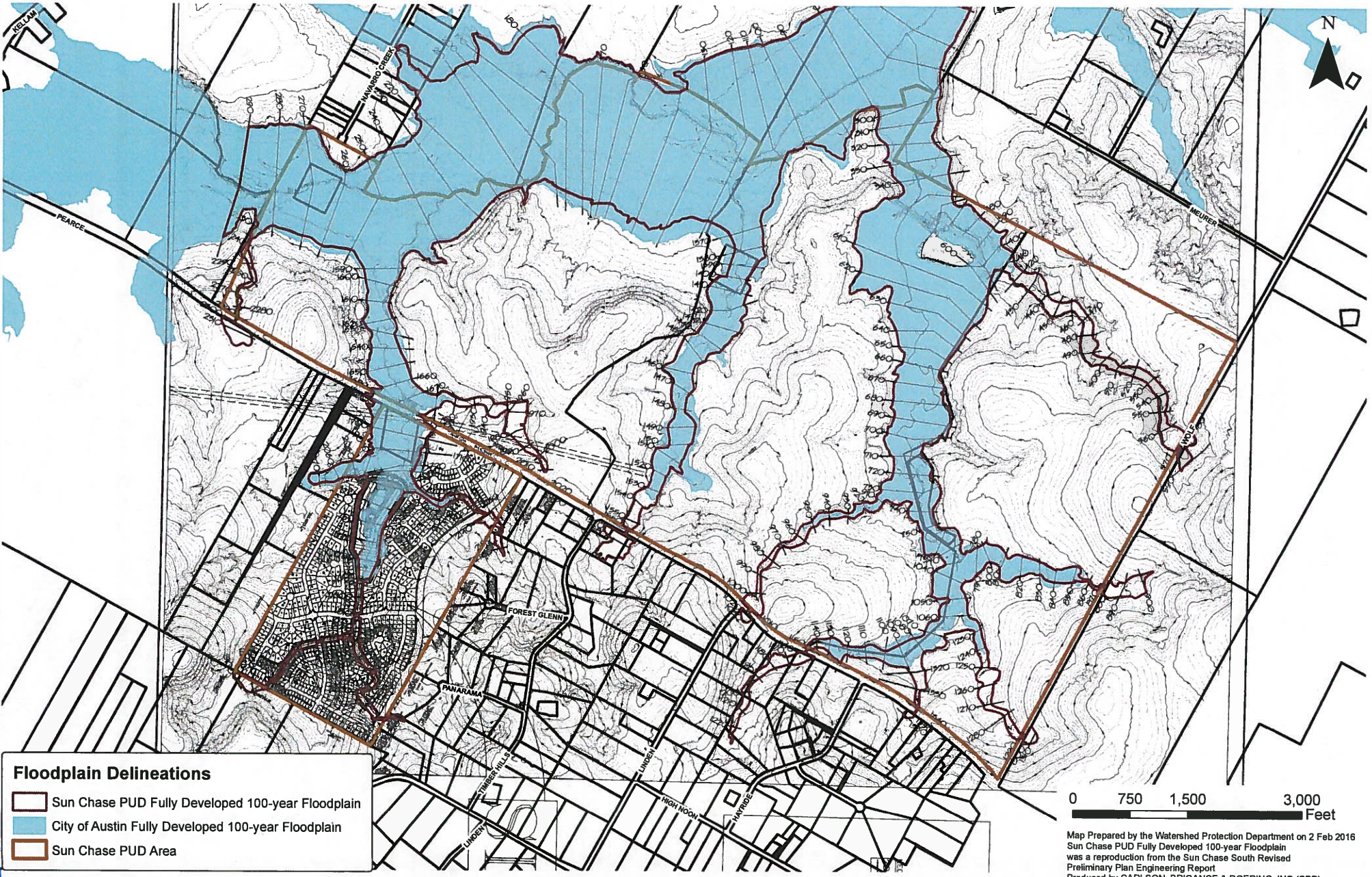
Date Prepared:

10/10/2013

Director's Signature:



ATTACHMENT D



Floodplain Delineations

- Sun Chase PUD Fully Developed 100-year Floodplain
- City of Austin Fully Developed 100-year Floodplain
- Sun Chase PUD Area

Map Prepared by the Watershed Protection Department on 2 Feb 2016
Sun Chase PUD Fully Developed 100-year Floodplain
was a reproduction from the Sun Chase South Revised
Preliminary Plan Engineering Report
Produced by CARLSON, BRIGANCE & DOERING, INC (CBD)

PUBLIC HEARING INFORMATION

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During its public hearing, the City Council may grant or deny a zoning request, or rezone the land to a less intensive zoning than requested but in no case will it grant a more intensive zoning.

However, in order to allow for mixed use development, the Council may add the MIXED USE (MU) COMBINING DISTRICT to certain commercial districts. The MU Combining District simply allows residential uses in addition to those uses already allowed in the seven commercial zoning districts. As a result, the MU Combining District allows the combination of office, retail, commercial, and residential uses within a single development.

For additional information on the City of Austin's land development process, visit our website:

www.austintexas.gov

Written comments must be submitted to the board or commission (or the contact person listed on the notice) before or at a public hearing. Your comments should include the board or commission's name, the scheduled date of the public hearing, and the Case Number and the contact person listed on the notice.

Case Number: C814-2012-0163

Contact: Wendy Rhoades, 512-974-7719

Public Hearing: December 10, 2013, Planning Commission

Paige Arnell
Your Name (please print)

15800 Panorama Ct., Del Valle
Your address(es) affected by this application

☐ I am in favor
☒ I object

Paige C
Signature

12-07-13
Date

Daytime Telephone: (512) 247-7481

Comments: I'm writing to strenuously object to this new development. It will negatively affect our community in numerous ways. Traffic congestion is becoming a real problem already. Our schools are also quite crowded, especially the high school. In addition, while a small thing to many Texans, I mourn the loss of darkness at night, star visibility, and wildlife habitat.

If you use this form to comment, it may be returned to:

City of Austin

Planning & Development Review Department

Wendy Rhoades

P. O. Box 1088

Austin, TX 78767-8810

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Case Number: C814-2012-0163

Contact: Wendy Rhoades, 512-974-7719

Public Hearing: December 9, 2014, Planning Commission

Felicitas Herrera

Your Name (please print)

15700A Forest Glenn Cove

Your address(es) affected by this application

Felicitas H. Sathaland

Signature

☐ I am in favor
☒ I object

Date

11-29-2014

Daytime Telephone:

512 247 6080

Comments:

This not good for the area
the people who already live here
more traffic. the Road is
made not handle more traffic. two lanes
more noise
the schools are already over
crowded with students.
Safety issue.

If you use this form to comment, it may be returned to:

City of Austin

Planning & Development Review Department

Wendy Rhoades

P. O. Box 1088

Austin, TX 78767-8810

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Case Number: C814-2012-0163

Contact: Wendy Rhoades, 512-974-7719

Public Hearing: December 9, 2014, Planning Commission

John C Sutherland

Your Name (please print)

15700 B Forest Glenn Cove

Your address(es) affected by this application

John C Sutherland

Signature

☐ I am in favor
☒ I object

11/29/2014

Date

Daytime Telephone: _____

Comments: *There is already too much traffic.
The Road can't handle any more.
There will be more NOISE!
The schools already crowded with
students. And there is a safety issue.
This not good for the area and
the people who already live here!*

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City of Austin

Planning & Development Review Department

Wendy Rhoades

P. O. Box 1088

Austin, TX 78767-8810

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Case Number: C814-2012-0163

Contact: Wendy Rhoades, 512-974-7719

Public Hearing: June 9, 2015, Planning Commission

John & Felicitas Sutherland

Your Name (please print)

15700 B Forest Glenn Cove

Your address(es) affected by this application

☐ I am in favor
☒ Object

Signature

Date

Daytime Telephone: _____

Comments: We wish to make you aware of strong
objections, as an immediate neighbor to the
site of the proposed development we believe
this will seriously impact our standard of living
1. Loss of privacy, 2. adverse impact on protected
trees, 3. inadequate parking and access, 4. Ground
stability and drainage, overcrowding, high
volume of traffic due to schools in the
area.

If you use this form to comment, it may be returned to:

City of Austin

Planning & Zoning Department

Wendy Rhoades

P. O. Box 1088

Austin, TX 78767-8810

PUBLIC HEARING INFORMATION

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Case Number: C814-2012-0163

Contact: Wendy Rhoades, 512-974-7719

Public Hearing: June 9, 2015, Planning Commission

Felicitas Herrera Sathelund
Your Name (please print)

5700A Forest Glennc
Your address(es) affected by this application

Felicitas Herrera June 5 2015
Signature Date

Daytime Telephone: 512-2476080

Comments: We wish to make you aware of a number of strong objections that we have with regard to the proposed development of an additional property on space to the side of As a immediate neighbor to the site of the proposed development, we are of the view that the proposed development will have serious impact on our standard of living. Our specific objection areas follows:
Detrimental impact upon residential amenities, need to avoid storm creating, adverse impact on protected trees. Loss of privacy & over looking, overshadowing loss of adjacent highway safety, inadequate parking & access, ground stability & drainage non-compliance with other council planning policies/government planning guidance.

If you use this form to comment, it may be returned to:
City of Austin
Planning & Zoning Department
Wendy Rhoades
P. O. Box 1088
Austin, TX 78767-8810